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## 1297.0 - Australian and New Zealand Standard Research Classification (ANZSRC), 2008

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**13/03/2019 Note:** A Review of the ANZSRC is currently underway and is a joint project between the Australian Bureau of Statistics (ABS), Statistics New Zealand (Stats NZ), Australian Research Council (ARC) and the New Zealand Ministry of Business, Innovation & Employment. More information is available at <https://www.arc.gov.au/anzsrc-review>

**27/03/2009 Note:** Additional Datacubes have been released to provide users with correspondence tables which can be used to compare data collected using the ANZSRC with that collected using the OECD's Fields of Science and Technology (FOS) 2007 classification and Eurostat's Nomenclature for the Analysis and Comparison of Scientific Programmes and Budgets (NABS) 2007 classification.

**22/04/2008 Note:** Data cube for Australian and New Zealand Standard Research Classification (ANZSRC), 2008 (1297.0) added to provide users with a version of the correspondence tables which could be more easily manipulated. Some links, minor typographical and formatting changes were made that have not affected the content of the classification.

**18/12/2008 Note:** Minor corrections have been made to code titles in the PDF and Data cube to rectify inconsistencies between the spreadsheet and other classification documents, and to rectify minor errors and omissions.

This is a compendium of three classifications developed specifically for the compilation of standardised research and development statistics. It comprises classifications for type of activity, field of research and socio-economic objective.

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### ACKNOWLEDGEMENTS

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Academy of Social Sciences in Australia  
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Australian Academy of the Humanities  
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Australian Institute of Physics  
Australian Mathematics Society  
Australian Research Council  
Australian Resource Research Centre  
Australian Schools of Built Environment Deans  
Australian Society of Medical Researchers  
Bureau of Transport and Regional Economics  
Centre for the Study of Research Training and Impact  
Commonwealth Scientific and Industrial Research Organisation  
Computing Research and Education Association  
Council for the Humanities, Arts and Social Sciences

Council of Australian Law Deans  
Defence Science and Technology Organisation  
Department of Agriculture, Fisheries and Forestry  
Department of Broadband, Communications and the Digital Economy  
Department of Education, Employment and Workplace Relations  
Department of Environment, Water, Heritage and the Arts  
Department of Health and Aging  
Department of Innovation, Industry, Science and Research  
Department of Resources, Energy and Tourism  
Department of the Treasury  
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Ministry of Education  
Ministry of Social Development  
Ministry of Research, Science and Technology  
National Library of New Zealand  
New Zealand Institutional Repositories  
New Zealand Vice-Chancellors' Committee  
Royal Society of New Zealand  
Social Policy Evaluation and Research Committee  
Te Puni Kokiri  
Tertiary Education Commission  
University of Canterbury

Note 22/04/2008: Name of organisation corrected.

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### MEDIA RELEASE

March 31, 2008

Embargoed 11.30 am (AEDT)

26/2008

### A new research classification for a new century

Emerging areas of biotechnology and nanotechnology research and development (R&D) are among listings in a new comprehensive research classification released by the Australian Bureau of Statistics today.

The *2008 Australian and New Zealand Standard Research Classification* (ANZSRC) was developed to meet the dual needs for a comprehensive description of today's research environment, as well as the ability to compare R&D statistics internationally.

Growing policy interest in areas of energy production, climate change and environmental protection, as well new fields of R&D, led to a need to update the previous classification, the Australian Standard Research Classification (ASRC).

The areas of energy and environment and technology and environmental science have been significantly updated in the classification to reflect growing research interest and R&D output.

Classifications are a tool used by the ABS, as well as others in government, academia and the private sector, to ensure that data on particular topics are consistently described. This improves both data reporting and resource allocation.

ANZSRC 2008 was developed in collaboration with Statistics New Zealand after extensive consultation with

the review's Technical Reference Group and other users of the previous classification. ANZSRC 2008 also meets OECD guidelines and is aligned to the OECD's Frascati Manual, which sets standard practice for surveys of R&D, and the 2006 Fields of Science and Technology classification.

The *2008 Australian and New Zealand Standard Research Classification* allows for research to be categorised by stage of development, methodology and objective.

The ABS will immediately start using ANZSRC in its surveys of research and experimental development and the first data collected using the new classification will be published in mid-2009.

The ABS wishes to acknowledge the funding contribution from the Australian Research Council in enabling the ABS to undertake the review.

More information is available in *Australian and New Zealand Standard Research Classification 2008* (cat. no. 1297.0).

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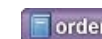
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1297.0 - Australian and New Zealand Standard Research Classification (ANZSRC)



Released  
18/12/2008

Printed publication is available for purchase, price \$84.00.



### Data Cubes

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This document was added on 22/04/2008 to provide users with a version of the correspondence tables which could be more easily manipulated.

Note 18/12/2008: Minor corrections have been made to code titles to rectify inconsistencies between the spreadsheet and other classification documents, and to rectify minor errors and omissions.

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Note 19/05/2008: Some minor typographical and formatting changes were made that have not affected the content of the classification.

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These documents were added on 27/03/2009 to provide users with correspondence tables which can be used to compare data collected using the ANZSRC with that collected using the OECD's Fields of Science and Technology (FOS) 2007 classification and Eurostat's Nomenclature for the Analysis and Comparison of Scientific Programmes and Budgets (NABS) 2007 classification.

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### PREFACE

The Australian and New Zealand Standard Research Classification (ANZSRC) has been developed for use in the collection, analysis and dissemination of research and experimental development (R&D) statistics in Australia and New Zealand.

The Australian Bureau of Statistics (ABS) and Statistics New Zealand (Statistics NZ) have jointly developed ANZSRC to serve as a standard research classification for both countries. It will improve the comparability of research and development statistics between the two countries and the rest of the world. For the ABS and Australian stakeholders, ANZSRC replaces the Australian Standard Research Classification (ASRC 1998) and for Statistics NZ and New Zealand stakeholders ANZSRC introduces a new framework to measure R&D activity.

The past decade has seen ongoing changes in the Australian and New Zealand R&D sectors in terms of the number and complexity of research projects undertaken, resource invested and personnel engaged. An up-to-date research classification is an essential response to reflect these changes and to satisfy the changing user requirements for R&D data.

In the development of the classification many academic and research professionals, government departments, research organisations, professional associations and peak industry bodies were consulted. We gratefully acknowledge the assistance provided by these individuals and organisations.

In particular, we would like to thank members of the Reference Group for providing advice and guidance to the ANZSRC development team; the Australian Research Council (ARC) for partially funding the project; and the New Zealand Ministry of Research, Science and Technology for providing considerable input and assistance to Statistics NZ.

We encourage use of the classification to improve the comparability and usefulness of research and development statistics across Australia and New Zealand.

Brian Pink  
Australian Statistician  
Australian Bureau of Statistics

Geoff Bascand  
Government Statistician  
Statistics New Zealand

March 2008

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### CHAPTER 1 INTRODUCTION

#### OVERVIEW

The Australian and New Zealand Standard Research Classification (ANZSRC) is jointly produced by the Australian Bureau of Statistics (ABS) and Statistics New Zealand (Statistics NZ).

ANZSRC is the collective name for a set of three related classifications developed for use in the measurement and analysis of research and experimental development (R&D) undertaken in Australia and New Zealand. The three constituent classifications included in the ANZSRC are: Type of Activity (TOA), Fields of Research (FOR), and Socio-economic Objective (SEO).

ANZSRC replaces the **Australian Standard Research Classification** (ASRC 1998) and introduces a new framework for measuring research and development activity in New Zealand.

The use of the three constituent classifications in the ANZSRC ensures that R&D statistics collected are

useful to governments, educational institutions, international organisations, scientific, professional or business organisations, business enterprises, community groups and private individuals in Australia and New Zealand.

The development of the ANZSRC has been undertaken by the ABS and Statistics NZ in co-operation with major academic and research organisations and users of research information in Australia and New Zealand. This consultative process has sought to ensure that the ANZSRC is widely accepted and used as the national standard classification in Australia and in New Zealand, not only in the compilation of R&D statistics but also in the study of research in these countries generally.

The introductory chapter provides a background to the development of the classification; an explanation of the conceptual basis of the ANZSRC; the definition and scope of R&D; and an outline of what constitutes a unit of R&D for data collection and reporting purposes. Subsequent chapters of this publication contain details of the structure and content of the three classifications. A summary correspondence table (concordance) between the ANZSRC and the ASRC 1998 is included in [Chapter 5](#).

## BACKGROUND

The ABS and Statistics NZ have a policy of working towards developing harmonised statistical classifications in support of the **Australia New Zealand Closer Economic Relations Trade Agreement 1983**.

The benefits of developing a joint research classification include the ability to produce an up-to-date, relevant and conceptually sound classification, and the improved capacity for analysis of trans-Tasman research sector data.

For Australian users, a high level of comparability has been maintained with ASRC 1998 in an effort to minimise disruption to data collection. The development of ANZSRC has provided scope to improve and strengthen the conceptual basis and framework that existed with ASRC 1998. For example, the ANZSRC has improved the treatment of interdisciplinary R&D by rigorously applying a uniform concept across the classification.

In addition, ANZSRC preserves comparability with much of the previous data in the R&D series, while possessing a framework which enables comparisons with other classifications used nationally and internationally.

For New Zealand users, this is a new standard framework for measuring research and a joint development has been possible because Australia and New Zealand have considerable commonalities in R&D activities.

To support international comparisons, it is important for the classifications to relate to those used in other countries, particularly those countries whose stages of social and economic development are similar to that of Australia and New Zealand. Therefore, the definition, scope and classification of R&D activities contained in ANZSRC largely follow the guidelines prescribed in the Organisation for Economic Co-operation and Development (OECD) **Proposed Standard Practice for Surveys on Research and Experimental Development, "Frascati Manual", Sixth Revision 2002.**

The development of ANZSRC commenced at the end of 2006 as a joint project between the ABS and Statistics NZ and was completed in early 2008.

## **CLASSIFICATIONS INCLUDED IN THE PUBLICATION**

The three classifications in the ANZSRC:

- Type of Activity (TOA);
- Fields of Research (FOR); and
- Socio-economic Objective (SEO);

are used in official statistics to analyse the nature of R&D and in conjunction with industrial and institutional sector classifications to produce a set of official statistics that support a variety of user interests.

### **TOA Classification**

This classification allows R&D activity to be categorised according to the type of research effort, namely, pure

basic research, strategic basic research, applied research and experimental development.

Definitions and guidelines for classifying R&D by TOA are covered in [Chapter 2](#).

### **FOR Classification**

This classification allows R&D activity to be categorised according to the field of research. In this respect, it is the **methodology** used in the R&D that is being considered.

The categories in the classification include major fields of research investigated by national research institutions and organisations, and emerging areas of study.

Explanatory notes, definitions and guidelines for classifying data and the full classification are covered in [Chapter 3](#).

### **SEO Classification**

This classification allows R&D to be categorised according to the **purpose** or **outcome** of the R&D as perceived by the data provider (researcher). It consists of discrete economic, social, technological or scientific domains for identifying the principal purposes of the R&D. The attributes applied to the design of the SEO classification comprise a combination of processes, products, health, education and other social and environmental aspects of particular interest.

Explanatory notes, definitions and guidelines for classifying R&D by SEO and the full classification are covered in [Chapter 4](#).

### **STRUCTURE OF ANZSRC**

The FOR and SEO classifications follow a hierarchical structure.

The FOR has three hierarchical levels, namely Divisions (at the broadest level), Groups and Fields (at the finest level). The Division represents a broad subject area or research discipline while groups and fields within

represent increasingly detailed dissections of these categories. Divisions, Groups and Fields are assigned unique 2-digit; 4-digit; and 6-digit codes respectively. The FOR classification has 22 Divisions, 157 Groups and 1238 Fields.

The hierarchical structure of the FOR is as illustrated below:

Level	Example
Division	02 Physical Sciences
Group	0206 Quantum Physics
Field	020603 Quantum Information, Computation and Communication

The SEO is a four level hierarchical classification with Sector at the broadest level. While the Sector forms part of the hierarchical structure of the SEO, it is however used only for the grouping of divisions and for publication of R&D data, not for data collection. The Sector is identified by a letter. Divisions, Groups and Objectives form the next three hierarchical levels in the SEO in decreasing order. Divisions, Groups, and Objectives are assigned unique 2-digit, 4-digit and 6-digit codes respectively. The SEO classification has 5 Sectors, 17 Divisions, 119 Groups and 847 Objectives.

The hierarchical structure of the SEO is as illustrated below:

Level	Example
Sector	B: Economic Development
Division	86 Manufacturing
Group	8607 Agricultural Chemicals
Objective	860702 Chemical Fertilisers

## USE OF ANZSRC

ANZSRC provides a three way matrix of classification. Each R&D activity can be classified by Type of Activity, Fields of Research and Socio-economic Objective.

ANZSRC provides a considerable degree of flexibility in meeting the needs of a wide variety of users. The hierarchical structure of both the FOR and SEO classifications enables them to be applied to particular

purposes at various levels. ANZSRC also helps classify multi-disciplinary work, where several disparate areas of the FOR are usually brought together to address one area, or closely related areas of the SEO.

The complexity of issues addressed by R&D is such that questions of public policy often arise in a manner which cannot be readily seen in advance. The detail available in both the FOR and SEO classifications would be sufficient to facilitate the provision of statistics that can be used in a variety of contexts. For example, areas of key technological significance could generally be assessed using an aggregate of appropriate FOR groups or fields. The use of ANZSRC for R&D surveys minimises the need for separate one-off R&D surveys aimed at narrow areas.

## **DEFINITION OF R&D**

Research and Development is defined according to the OECD standard as comprising creative work undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of man, culture and society, and the use of this stock of knowledge to devise new applications.

An R&D activity is characterised by originality. It has investigation as a primary objective, the outcome of which is new knowledge, with or without a specific practical application, or new or improved materials, products, devices, processes or services. R&D ends when work is no longer primarily investigative.

## **SCOPE OF R&D**

As indicated in the Frascati Manual and as experience has shown, there are difficulties in delineating the point which clearly separates the culmination of R&D investigative work and the beginning of the implementation phase of the innovations or recommendations resulting from R&D. Errors at this point are particularly significant because, although R&D programmes require large outlays of resources, the costs of implementing innovations or recommendations resulting from R&D may also be as high, or higher, in many instances.

There is also a wide range of scientific and related activities that are not R&D, but that are closely linked to R&D in terms of organisation, resource allocation, institutional affiliation and the use or flow of information. However, activities conducted solely or primarily for the purposes of R&D support are included in R&D.

The activities which do not have clear boundaries with R&D are listed below.

### **(a) Education and training of personnel and students**

Postgraduate research, including supervision of the research, is considered to be R&D. The development of new teaching methods is also regarded as R&D. However, teaching and training students, using established methods and subject knowledge, is excluded.

#### **(b) Specialised scientific and technical information services**

Specialised scientific and technical information services which are undertaken solely in support of R&D are regarded as R&D. Examples of these are scientific data collection, coding, recording, classification, dissemination, translation, analysis and bibliographic services.

These specialised services are excluded if they are undertaken independently and not solely in support of R&D.

#### **(c) General purpose or routine data collection**

Collecting data in support of R&D work is included in R&D.

However, data collection of a general nature is excluded. This is normally carried out by government agencies to record natural, biological, economic or social phenomena of general public or government interest. Examples are national population censuses, surveys of unemployment, topographical mapping and routine geographical or environmental surveys.

#### **(d) Maintenance of national and international standards**

Routine testing and analysis of materials, components, products, processes, soils, atmospheres, etc. for standard compliance is excluded from R&D.

#### **(e) Feasibility studies**

Feasibility studies undertaken in support of R&D are included. However, a feasibility study that involves gathering information about existing conditions, for use in deciding whether or not to implement a project, is excluded, e.g. a study to determine the viability of a petrochemical complex in a particular location.

#### **(f) Specialised medical care**

R&D includes the development of new treatments and procedures, including such developments in conjunction with advanced medical care and examinations usually carried out by university hospitals.

However, routine investigations or normal application of specialised medical knowledge, techniques or equipment are excluded from R&D. Examples of these are pathology, forensic and post-mortem procedures.

#### **(g) Clinical trials**

Phase 1, 2 and 3 clinical trials are included in R&D. Phase 4 clinical trials are excluded from R&D, unless they bring about further scientific or technological advance.

#### **(h) Patent and licence work**

Patent work connected directly with R&D projects is included in R&D. However, commercial, administrative and legal work associated with patenting, copywriting and licensing, is excluded.

#### **(i) Policy related studies**

The boundary between certain policy related studies as described in the Frascati Manual and R&D is complex. In the Frascati Manual, policy related studies cover activities such as the 'analysis and assessment of existing programmes, continued analysis and monitoring of external phenomena (e.g. defence and security analysis), legislative inquiry concerned with general government departmental policy or operations'. Rigour is required to separate policy related studies that are not R&D from true R&D policy work.

Studies to determine the effects of a specific national policy to a particular economic or social condition or social group may have elements of R&D. Routine management studies or efficiency studies are excluded.

#### **(j) Routine software development**

Software development is an integral part of many projects which in themselves may have no element of R&D. The software development component of such projects, however, may be classified as R&D if it leads to an advance in the area of computer software.

For a software development to be considered as R&D, its completion must be dependent on a scientific or technological advance, and the aim of the project must be the systematic resolution of a scientific and/or technological uncertainty.

The following are examples of software development which are considered to be R&D:

- Development of internet technology
- Research into methods of designing, developing, deploying or maintaining software
- R&D on software tools or technologies in specialised areas of computing (e.g. image processing, artificial intelligence, character recognition)
- R&D producing new theorems and algorithms in the field of theoretical computer science

The following are examples of software development which are not considered to be R&D:

- Routine computer and software maintenance
- Business application software and information system development using known methods and existing software
- Adding user functionality to application languages
- Adaptation of or support for existing software

#### **(k) Marketing and market studies**

Market research and opinion polls are excluded from R&D.

#### **(l) Mineral exploration**

The development of new or vastly improved methods of data acquisition, processing and interpretation of data is included as R&D. Surveying undertaken as an integral part of an R&D project to observe geological phenomena is also regarded as R&D. However, the search for minerals using existing methods is excluded from R&D.

#### **(m) Prototypes and pilot plants**

The design, construction and testing of prototypes generally falls within the scope of R&D. However, trial production and copying of prototypes are excluded from R&D.

The construction and operation of pilot plants is part of R&D provided that these are used to obtain experience or new data for evaluating hypotheses.

Pilot plants are excluded from R&D as soon as the experimental phase is over or as soon as they are used as normal commercial production units, even if they continue to be described as 'pilot plants'.

If a pilot plant is used for combined operations, the component used for R&D is to be estimated.

#### **(n) Other activities**

All other activities that are ancillary or consequential to R&D are excluded. Examples of these are interpretative commentary using existing data, forecasting, operations research as contributing to decision making and the use of standard techniques in applied psychology to classify or diagnose human characteristics.

### **R&D UNIT TO BE CLASSIFIED**

There are some inherent difficulties in formulating a definition of what constitutes a unit of R&D, due to the lack of uniformity in organisational structures and considerable variation in the way organisations allocate resources to R&D activities. From a statistical viewpoint it is desirable that R&D expenditure be reported in the smallest cluster that can be classified to a single TOA and FOR, which for the purposes of this classification is defined to be an R&D unit. The extent to which it is not practicable to provide this detail will reduce the validity and usefulness of the classification, and the resulting R&D statistics.

The most common real world references to R&D activities are **Research Program** and **Research Project**. These focal units seldom approximate the idealised R&D unit as outlined above, although they could be regarded as an aggregation of these units.

Some Research Projects, especially in the social sciences, require a multi-disciplinary approach in order to achieve a purpose. There are also Research Projects that consist of sub-projects. For example, the Commonwealth Scientific and Industrial Research Organisation in Australia has indicated that a Research Project often consists of a set of sub-projects (staff) with a common purpose and one person designated as the project leader. Such projects lend themselves more readily to the concept of being comprised of multiple R&D units, demonstrating that the accurate classification of these projects requires the use of multiple codes with a weighting to indicate the relative significance of the various types of activity, fields of research and socio-economic objectives within the Research Project.

## UPDATES TO ANZSRC

An important consideration when developing a statistical classification is the need to build in sufficient robustness to allow for long-term usage. This robustness facilitates meaningful time series analysis of data assigned to that classification. However, there is also a need for the classification to remain contemporary to capture changes happening in the R&D sector and to provide data relevant to users' needs.

In order to achieve a balance between these two competing objectives, the ABS and Statistics NZ intend to undertake minor revisions every five years and a major revision every ten years.

## ANZSRC PRODUCTS AND SERVICES

Correspondences (or concordances) between ANZSRC and ASRC 1998 are provided in [Chapter 5](#). Other correspondences between ANZSRC FOR and OECD's Fields of Science, between ANZSRC SEO and the [Australian and New Zealand Standard Industrial Classification](#), and between ANZSRC SEO and the Central Product Classification are to be made available to users from the ABS web site [www.abs.gov.au](http://www.abs.gov.au)

## FURTHER INFORMATION

### Australia

For more information about the ANZSRC, contact ABS, PO Box 10, Belconnen, ACT 2616 or contact ABS National Information and Referral Service:

Phone: 1300 135 070

Email: [client.services@abs.gov.au](mailto:client.services@abs.gov.au)

ABS web site: [www.abs.gov.au](http://www.abs.gov.au)

## New Zealand

For more information about the ANZSRC, contact Statistics NZ, PO Box 2922, Wellington or contact Statistics NZ's Information Centre:

Phone: 0508 525 525 (toll free in New Zealand)

+64 4 931 4600 (outside of New Zealand)

Email: [info@stats.govt.nz](mailto:info@stats.govt.nz)

Statistics NZ web site: [www.stats.govt.nz](http://www.stats.govt.nz)

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### CHAPTER 2 TYPE OF ACTIVITY

Four types of activity applicable to R&D are recognised in this classification:

- Pure basic research
- Strategic basic research
- Applied research
- Experimental development

**Pure basic research** is experimental and theoretical work undertaken to acquire new knowledge without looking for long term benefits other than the advancement of knowledge.

**Strategic basic research** is experimental and theoretical work undertaken to acquire new knowledge directed into specified broad areas in the expectation of practical discoveries. It provides the broad base of knowledge necessary for the solution of recognised practical problems.

**Applied research** is original work undertaken primarily to acquire new knowledge with a specific application in view. It is undertaken either to determine possible uses for the findings of basic research or to determine new ways of achieving some specific and predetermined objectives.

**Experimental development** is systematic work, using existing knowledge gained from research or practical

experience, which is directed to producing new materials, products, devices, policies, behaviours or outlooks; to installing new processes, systems and services; or to improving substantially those already produced or installed.

## **GUIDELINES FOR CLASSIFYING R&D BY TYPE OF ACTIVITY**

Where possible, a research project or research program should be allocated to a single type of activity. If the project or program is large and involves multiple types of activity, then each relevant activity category should be attributed a proportion of resources relative to the project's or research program's total R&D expenditure.

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### CHAPTER 3 FIELDS OF RESEARCH

#### NATURE AND PURPOSE OF THE FOR CLASSIFICATION

The ANZSRC FOR allows R&D activity to be categorised according to the **methodology** used in the R&D, rather than the activity of the unit performing the R&D or the purpose of the R&D.

The categories in the classification include major fields and related sub-fields of research and emerging areas of study investigated by businesses, universities, tertiary institutions, national research institutions and other organisations.

This classification allows the categorisation of fields of research activity within Australia and New Zealand.

#### STRUCTURE OF THE FOR CLASSIFICATION

The FOR is a hierarchical classification with three levels, namely Divisions (2 digits), Groups (4 digits) and Fields (6 digits). Each level is identified by a unique number.

Each Division is based on a broad discipline. Groups within each Division are those which share the same broad methodology, techniques and/or perspective as others in the Division. Each Group is a collection of related Fields of research. Groups and Fields of research are categorised to the Divisions sharing the same methodology rather than the Division they support.

The hierarchical structure of the FOR is illustrated below:

Level	Example
Division	09
	Engineering
Group	0901 Aerospace Engineering
Field	090101 Aerodynamics (excl. Hypersonic Aerodynamics)

## PRINCIPLES FOR RECOGNISING FIELDS OF RESEARCH

The conceptual framework adopted for the development of the FOR uses R&D activities according to the field in which research is undertaken and based on the processes and techniques used in the R&D.

In the interests of international statistical comparisons, the FOR classification, as far as is practicable, aligns at the two digit Division level with the OECD's **Fields of Science 2007** classification.

This development started with the ASRC 1998, and identified research categories that reported very little funding in the past three ABS R&D surveys were either merged with other categories or deleted, but only in consultation with experts in the respective fields. Alternatively, Divisions or Groups which are highly active, as judged by experts and evidenced in ABS surveys, and able to be split further have been disaggregated into new Groups and Fields allowing for greater detail of data to be collected. Additional fields of research identified by experts as emerging and significant have been added.

In parallel, research categories significant in New Zealand assembled by Statistics NZ from consultations with their stakeholders have been incorporated.

## **GUIDELINES FOR CLASSIFYING BY FIELDS OF RESEARCH**

Consistent use of the following general procedures should ensure consistent and successful use of the classification among users.

A research project or research program is to be allocated to a FOR field in a hierarchical manner. This is achieved by:

- first determining the division in which the largest component of the research project or research program is being performed; then
- determining the most relevant group within that division; and then
- determining the most relevant field within that group.

Many R&D projects will be a homogeneous body of work in a specific field. These are more straightforward to categorise. However, the emergence of new interdisciplinary and multidisciplinary fields of research is a feature of the modern R&D environment, both within Australia and New Zealand and elsewhere in the world. The categorisation of such fields within a hierarchical and exclusive classification system can pose difficulties for users of the FOR. The use of multiple fields to classify a research project ensures that this research is accommodated within the classification structure.

If the project or program is sufficiently large or complex (in terms of research areas) then multiple fields should be selected and attributed with a proportion of resources relative to the project's or program's total R&D expenditure. If the disaggregation is difficult, consideration of relative importance may indicate a primary field only (whether a specific or more general subject focus).

Where a defined field cannot be identified within a group for a research project or research program, the 'not elsewhere classified' category at the field level is to be used.

## **FOR DIVISION CODES AND TITLES**

01 Mathematical Sciences  
02 Physical Sciences  
03 Chemical Sciences  
04 Earth Sciences  
05 Environmental Sciences  
06 Biological Sciences

07 Agricultural and Veterinary Sciences  
08 Information and Computing Sciences  
09 Engineering  
10 Technology  
11 Medical and Health Sciences  
12 Built Environment and Design  
13 Education  
14 Economics  
15 Commerce, Management, Tourism and Services  
16 Studies in Human Society  
17 Psychology and Cognitive Sciences  
18 Law and Legal Studies  
19 Studies in Creative Arts and Writing  
20 Language, Communication and Culture  
21 History and Archaeology  
22 Philosophy and Religious Studies

At times it can be useful to view groupings of fields of research from alternative perspectives, which do not align with the FOR division structure.

## **ALTERNATIVE GROUPINGS OF FOR FIELDS**

Besides the primary structure, alternative groupings are provided to aid the understanding of research from different cultural perspectives which are unique to Australia and New Zealand.

The following alternative groupings of selected FOR fields are provided here:

- Aboriginal and Torres Strait Islander Studies
- Maori Studies
- Pacific Peoples Studies

### ***Definition of Pacific Peoples***

**Note:** "Pacific peoples" are those people who identify with or feel they belong to one or more Pacific ethnicities. The term applies to a person who has emigrated from one of the lesser islands of the Pacific to Australia or New Zealand, or one of their descendants born in Australia or New Zealand. While the majority of these people originate from Polynesia, others come from Micronesia and Melanesia. This definition excludes Aboriginal and Torres Strait Islanders, and New Zealand Maori.

## **ABORIGINAL AND TORRES STRAIT ISLANDER STUDIES**

050201 Aboriginal and Torres Strait Islander Environmental Knowledge  
080601 Aboriginal and Torres Strait Islander Information and Knowledge Systems  
080701 Aboriginal and Torres Strait Islander Knowledge Management

110403 Traditional Aboriginal and Torres Strait Islander Medicine and Treatments  
111701 Aboriginal and Torres Strait Islander Health  
130301 Aboriginal and Torres Strait Islander Education  
160501 Aboriginal and Torres Strait Islander Policy  
169902 Studies of Aboriginal and Torres Strait Islander Society  
180101 Aboriginal and Torres Strait Islander Law  
190401 Aboriginal and Torres Strait Islander Performing Arts  
200201 Aboriginal and Torres Strait Islander Cultural Studies  
200319 Aboriginal and Torres Strait Islander Languages  
200501 Aboriginal and Torres Strait Islander Literature  
210101 Aboriginal and Torres Strait Islander Archaeology  
210301 Aboriginal and Torres Strait Islander History

### ***MAORI STUDIES***

050208 Maori Environmental Knowledge  
080613 Maori Information and Knowledge Systems  
110405 Traditional Maori Medicine and Treatments  
111713 Maori Health  
130104 Kura Kaupapa Maori (Maori Primary Education)  
130107 Te Whariki (Maori Early Childhood Education)  
130206 Kohanga Reo (Maori Language Curriculum and Pedagogy)  
130310 Maori Education (excl. Early Childhood and Primary Education)  
169904 Studies of Maori Society  
170108 Kaupapa Maori Psychology  
180201 Nga Tikanga Maori (Maori Customary Law)  
180202 Te Maori Whakahaere Rauemi (Maori Resource Law)  
180203 Te Tiriti o Waitangi (The Treaty of Waitangi)  
180204 Te Ture Whenua (Maori Land Law)  
180299 Maori Law not elsewhere classified  
190405 Maori Performing Arts  
200207 Maori Cultural Studies  
200321 Te Reo Maori (Maori Language)  
200504 Maori Literature  
210109 Maori Archaeology  
210309 Maori History

### ***PACIFIC PEOPLES STUDIES***

050210 Pacific Peoples Environmental Knowledge  
080614 Pacific Peoples Information and Knowledge Systems  
111715 Pacific Peoples Health  
130311 Pacific Peoples Education  
169905 Studies of Pacific Peoples' Societies

190410 Pacific Peoples Performing Arts  
200210 Pacific Cultural Studies  
200320 Pacific Languages  
200507 Pacific Literature  
210106 Archaeology of New Guinea and Pacific Islands (excl. New Zealand)  
210313 Pacific History (excl. New Zealand and Maori)

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### CHAPTER 4 SOCIO-ECONOMIC OBJECTIVE

#### NATURE AND PURPOSE OF THE SEO CLASSIFICATION

The ANZSRC SEO classification allows R&D activity in Australia and New Zealand to be categorised according to the intended purpose or outcome of the research, rather than the processes or techniques used in order to achieve this objective.

The purpose categories include processes, products, health, education and other social and environmental aspects in Australia and New Zealand that R&D activity aims to improve.

#### STRUCTURE OF THE SEO CLASSIFICATION

The SEO is a hierarchical classification with four levels, namely Sector (letter), Divisions (2 digits), Groups (4 digits) and Objectives (6 digits).

While the Sector forms part of the hierarchical structure of the SEO, it is used only for grouping divisions for publication of R&D data, not for data collection. Sectors are identified by a letter, and the lower levels of the classification are identified by unique numbers.

Each Division is based on a broad research objective. Groups within each Division are those which are aligned towards the same objective as the Division. Each Group is a collection of related research Objectives. Groups and research objectives are categorised to the Divisions with which they are most closely aligned.

Due to their unique nature some divisions have only one group within them. The Defence and Expanding Knowledge divisions each contain only one group. However, these divisions still follow hierarchical principles and contain a number of objectives.

The hierarchical structure of the SEO is illustrated below:

Level	Example
Sector	B: Economic Development
Division	86 Manufacturing
Group	8607 Agricultural Chemicals
Objective	860702 Chemical Fertilisers

### ***Expanding Knowledge***

Sector E Expanding Knowledge is for the categorisation of R&D which does not have an identifiable socio-economic objective. This is usually the case for pure basic research or strategic basic research, as defined in the Type of Activity classification. Applied research and experimental development, by definition, have an identified socio-economic objective and therefore should not be categorised in this sector.

## **PRINCIPLES FOR RECOGNISING SOCIO-ECONOMIC OBJECTIVES OF RESEARCH**

The conceptual framework adopted for the development of the SEO uses R&D activities according to the objective or outcome of the research undertaken, rather than the processes and techniques used in the R&D.

The development started with the ASRC 1998, and identified research categories that reported very little funding in the past three ABS R&D surveys were either merged with other categories or deleted, but only in consultation with experts in the respective areas. Alternatively, Divisions or Groups which are highly active, as judged by experts and evidenced in ABS surveys, and able to be split further have been disaggregated into new Groups and Objectives allowing for greater detail of data to be collected. Additionally, research objectives identified by experts as emerging and significant have been added.

In parallel, research categories significant in New Zealand assembled by Statistics NZ from consultations with their stakeholders have been incorporated.

## **GUIDELINES FOR CLASSIFYING BY SEO**

Consistent use of the following general procedures should ensure consistent and successful use of the classification among users.

A research project or research program should first be considered in its broadest sense and in terms of the dominant beneficiary of the research output at the conclusion of the research project or research program. A research project or research program is to be allocated to a SEO objective in a hierarchical manner. This is achieved by:

- first determining the most relevant sector in which the largest component of the research project or research program is being performed; then
- determining the most relevant division within that sector; then
- determining the most relevant group within that division; and then
- determining the most relevant objective within that group.

Many R&D projects will be a homogeneous body of work directed towards a specific objective. These are more straightforward to categorise. However, if the project or program is sufficiently large or complex (in terms of research areas) then multiple fields should be selected and attributed with a proportion of resources relative to the project's or program's total R&D expenditure. If the disaggregation is difficult, consideration of relative importance may indicate a primary objective only (whether a specific or more general subject focus).

Where a defined objective cannot be identified within a group for a research project or research program, the 'not elsewhere classified' category at the objective level is to be used.

## **SEO SECTOR AND DIVISION CODES AND TITLES**

### Sector A: Defence

81 Defence

### Sector B: Economic Development

82 Plant Production and Plant Primary Products  
83 Animal Production and Animal Primary Products  
84 Mineral Resources (excl. Energy Resources)  
85 Energy  
86 Manufacturing  
87 Construction  
88 Transport  
89 Information and Communication Services  
90 Commercial Services and Tourism  
91 Economic Framework

### Sector C: Society

92 Health  
93 Education and Training  
94 Law, Politics and Community Services  
95 Cultural Understanding

### Sector D: Environment

96 Environment

### Sector E: Expanding Knowledge

97 Expanding Knowledge

At times it can be useful to view groupings of research objectives from alternative perspectives, which do not align with the SEO's division structure.

## ALTERNATIVE GROUPINGS OF SEO OBJECTIVES

Besides the primary structure, alternative groupings are provided to aid the understanding of research from different cultural perspectives which are unique to Australia and New Zealand.

The following alternative groupings of selected SEO objectives are provided here:

- Aboriginal and Torres Strait Islander Outcomes
- Maori Outcomes
- Pacific Peoples Outcomes

### ***Definition of Pacific Peoples***

**Note:** "Pacific peoples" are those people who identify with or feel they belong to one or more Pacific ethnicities. The term applies to a person who has emigrated from one of the lesser islands of the Pacific to Australia or New Zealand, or one of their descendants born in Australia or New Zealand. While the majority of these people originate from Polynesia, others come from Micronesia and Melanesia. This definition excludes Aboriginal and Torres Strait Islanders, and New Zealand Maori.

### ***ABORIGINAL AND TORRES STRAIT ISLANDER OUTCOMES***

920301 Aboriginal and Torres Strait Islander Health - Determinants of Health  
920302 Aboriginal and Torres Strait Islander Health - Health Status and Outcomes  
920303 Aboriginal and Torres Strait Islander Health - Health System Performance (incl. Effectiveness of Interventions)  
939901 Aboriginal and Torres Strait Islander Education  
940102 Aboriginal and Torres Strait Islander Development and Welfare  
950302 Conserving Aboriginal and Torres Strait Islander Heritage

### ***MAORI OUTCOMES***

920304 Maori Health - Determinants of Health  
920305 Maori Health - Health Status and Outcomes  
920306 Maori Health - Health System Performance (incl. Effectiveness of Interventions)  
939905 Maori Education  
940114 Maori Development and Welfare  
950301 Ahuatanga Maori (Maori Tradition)  
950308 Matauranga Maori (Maori Knowledge)  
950309 Taonga (Maori Artefacts)  
950310 Tikanga Maori (Maori Customary Practices)  
950311 Wahi Taonga (Maori Places of Significance)

## ***PACIFIC PEOPLES OUTCOMES***

920307 Pacific Peoples Health - Determinants Of Health

920308 Pacific Peoples Health - Health Status and Outcomes

920309 Pacific Peoples Health - Health System Performance (incl. Effectiveness of Interventions)

939906 Pacific Peoples Education

940115 Pacific Peoples Development and Welfare

950306 Conserving Pacific Peoples Heritage

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## CHAPTER 5 CORRESPONDENCE TABLES

### INTRODUCTION

The following correspondences align the classifications contained in the ASRC 1998 with those contained in the ANZSRC 2008.

The Research Fields, Courses and Disciplines (RFCD) classification is matched with the Fields of Research classification, while the ASRC and ANZSRC versions of the Socio-economic Objective (SEO) classifications are matched.

No correspondence is provided for RFCD Divisions 210000 and 220000 and Discipline 320100, as these categories were not used for the classification of R&D.

The Type of Activity classification did not change.

The correspondences are formatted by placing the structure of the reference classification on the left and the categories which align with the reference category on the right.

A 'p' after a code indicated that only a part of the category matches the reference category.

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### FIELDS OF RESEARCH

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[DIVISION 03 CHEMICAL SCIENCES](#)

[DIVISION 04 EARTH SCIENCES](#)

[DIVISION 05 ENVIRONMENTAL SCIENCES](#)

[DIVISION 06 BIOLOGICAL SCIENCES](#)

[DIVISION 07 AGRICULTURAL AND VETERINARY SCIENCES](#)

[DIVISION 08 INFORMATION AND COMPUTING SCIENCES](#)

[DIVISION 09 ENGINEERING](#)

[DIVISION 10 TECHNOLOGY](#)

[DIVISION 11 MEDICAL AND HEALTH SCIENCES](#)

[DIVISION 12 BUILT ENVIRONMENT AND DESIGN](#)

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[DIVISION 14 ECONOMICS](#)

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This division covers mathematics, statistics, and mathematical aspects of the physical sciences.

This division contains six groups:

- 0101 Pure Mathematics
- 0102 Applied Mathematics
- 0103 Numerical and Computational Mathematics
- 0104 Statistics
- 0105 Mathematical Physics
- 0199 Other Mathematical Sciences

### Exclusions:

- a) Statistical physics is included in [Group 0203 Classical Physics](#).
- b) Statistical mechanics associated with chemical processes is included in [Group 0307 Theoretical and Computational Chemistry](#).
- c) Mathematics associated with computer science is included in [Division 08 Information and Computing Sciences](#).
- d) Bioinformatics is included in [Group 0601 Biochemistry and Cell Biology](#).
- e) Geodesy is included in [Group 0909 Geomatic Engineering](#).
- f) Applications of control theory to engineering are included in Groups [0906 Electrical and Electronic Engineering](#) and [0913 Mechanical Engineering](#).
- g) Applications of statistical techniques are included in the appropriate division, e.g. the statistical analysis of correlations between human health and environmental factors is included in [Division 11 Medical and Health Sciences](#).

- h) Mathematics and statistics applied in economics are included in [Division 14 Economics](#).
- i) Criminology is included in [Group 1602 Criminology](#).
- j) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

- [GROUP 0101 PURE MATHEMATICS](#)
- [GROUP 0102 APPLIED MATHEMATICS](#)
- [GROUP 0103 NUMERICAL AND COMPUTATIONAL MATHEMATICS](#)
- [GROUP 0104 STATISTICS](#)
- [GROUP 0105 MATHEMATICAL PHYSICS](#)
- [GROUP 0199 OTHER MATHEMATICAL SCIENCES](#)

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This group covers pure mathematics.

This group has thirteen fields:

010101 Algebra and Number Theory  
010102 Algebraic and Differential Geometry  
010103 Category Theory, K Theory, Homological Algebra  
010104 Combinatorics and Discrete Mathematics (excl. Physical Combinatorics)  
010105 Group Theory and Generalisations  
010106 Lie Groups, Harmonic and Fourier Analysis  
010107 Mathematical Logic, Set Theory, Lattices and Universal Algebra  
010108 Operator Algebras and Functional Analysis  
010109 Ordinary Differential Equations, Difference Equations and Dynamical Systems  
010110 Partial Differential Equations  
010111 Real and Complex Functions (incl. Several Variables)  
010112 Topology  
010199 Pure Mathematics not elsewhere classified

### Exclusions:

- Physical combinatorics is included in [Group 0105 Mathematical Physics](#).
- Mathematics associated with computer science is included in [Division 08 Information and Computing Sciences](#).

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This group covers applied mathematics.

This group has eight fields:

010201 Approximation Theory and Asymptotic Methods  
010202 Biological Mathematics  
010203 Calculus of Variations, Systems Theory and Control Theory  
010204 Dynamical Systems in Applications  
010205 Financial Mathematics  
010206 Operations Research  
010207 Theoretical and Applied Mechanics  
010299 Applied Mathematics not elsewhere classified

### Exclusions:

- Mathematical aspects of physics are included in [Group 0105 Mathematical Physics](#).
- Bioinformatics is included in [Group 0601 Biochemistry and Cell Biology](#).
- Geodesy is included in [Group 0909 Geomatic Engineering](#).
- Applications of control theory to engineering are included in Groups [0906 Electrical and Electronic Engineering](#) and [0913 Mechanical Engineering](#).
- Mathematics applied in economics is included in [Division 14 Economics](#).

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This group covers numerical and computational mathematics.

This group has four fields:

010301 Numerical Analysis

010302 Numerical Solution of Differential and Integral Equations

010303 Optimisation

010399 Numerical and Computational Mathematics not elsewhere classified

### Exclusions:

a) Computational analysis and mathematical software are included in [Group 0802 Computation Theory and Mathematics](#).

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This group covers statistics. It includes the development of statistical techniques.

This group has seven fields:

010401 Applied Statistics  
010402 Biostatistics  
010403 Forensic Statistics  
010404 Probability Theory  
010405 Statistical Theory  
010406 Stochastic Analysis and Modelling  
010499 Statistics not elsewhere classified

### Exclusions:

- Statistical mechanics is included in [Group 0105 Mathematical Physics](#).
- Statistical physics is included in [Group 0203 Classical Physics](#).
- Bioinformatics is included in [Group 0601 Biochemistry and Cell Biology](#).
- Applications of statistical techniques are included in the appropriate division, e.g. the statistical analysis of correlations between human health and environmental factors is included in [Division 11 Medical and Health Sciences](#).
- Econometrics, economic time series analysis and fields are included in [Division 14 Economics](#).
- Criminology is included in [Group 1602 Criminology](#).

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This group covers the mathematical aspects of physics.

This group has seven fields:

010501 Algebraic Structures in Mathematical Physics

010502 Integrable Systems (Classical and Quantum)

010503 Mathematical Aspects of Classical Mechanics, Quantum Mechanics and Quantum Information Theory

010504 Mathematical Aspects of General Relativity

010505 Mathematical Aspects of Quantum and Conformal Field Theory, Quantum Gravity and String Theory

010506 Statistical Mechanics, Physical Combinatorics and Mathematical Aspects of Condensed Matter

010599 Mathematical Physics not elsewhere classified

### Exclusions:

a) Combinatorics other than physical combinatorics is included in [Group 0101 Pure Mathematics](#).

b) Development of statistical techniques is included in [Group 0104 Statistics](#).

c) Statistical physics is included in [Group 0203 Classical Physics](#).

d) Statistical mechanics associated with chemical processes is included in [0307 Theoretical and Computational Chemistry](#).

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This group covers any mathematical sciences not elsewhere classified.

This group has one field:

019999 Mathematical Sciences not elsewhere classified

### Exclusions:

- Statistical physics is included in [Group 0203 Classical Physics](#).
- Statistical mechanics associated with chemical processes is included in [Group 0307 Theoretical and Computational Chemistry](#).
- Mathematics associated with computer science is included in [Division 08 Information and Computing Sciences](#).
- Bioinformatics is included in [Group 0601 Biochemistry and Cell Biology](#).
- Geodesy is included in [Group 0909 Geomatic Engineering](#).
- Applications of control theory to engineering are included in Groups [0906 Electrical and Electronic Engineering](#) and [0913 Mechanical Engineering](#).
- Applications of statistical techniques are included in the appropriate division, e.g. the statistical analysis of correlations between human health and environmental factors is included in [Division 11 Medical and Health Sciences](#).
- Mathematics and statistics applied in economics are included in [Division 14 Economics](#).
- Criminology is included in [Group 1602 Criminology](#).
- History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers the physical sciences. It includes biological physics (other than human biophysics), medical physics and synchrotron and accelerator technologies.

This division has seven groups:

- 0201 Astronomical and Space Sciences
- 0202 Atomic, Molecular, Nuclear, Particle and Plasma Physics
- 0203 Classical Physics
- 0204 Condensed Matter Physics
- 0205 Optical Physics
- 0206 Quantum Physics
- 0299 Other Physical Sciences

### Exclusions:

- a) Mathematical aspects of physics are included in [Group 0105 Mathematical Physics](#).
- b) Optical properties of materials are included in [Group 0303 Macromolecular and Materials Chemistry](#).
- c) Tropospheric and stratospheric physics are included in [Group 0401 Atmospheric Sciences](#).
- d) Extraterrestrial geology is included in [Group 0403 Geology](#).
- e) Geophysics is included in [Group 0404 Geophysics](#).
- f) Soil physics is included in [Group 0503 Soil Sciences](#).
- g) Engineering aspects of the physical sciences are included in [Division 09 Engineering](#).
- h) Technological aspects of the physical sciences are included in [Division 10 Technology](#).
- i) Human biophysics is included in [Group 1116 Medical Physiology](#).
- j) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 0201 ASTRONOMICAL AND SPACE SCIENCES](#)

[GROUP 0202 ATOMIC, MOLECULAR, NUCLEAR, PARTICLE AND PLASMA PHYSICS](#)

[GROUP 0203 CLASSICAL PHYSICS](#)

[GROUP 0204 CONDENSED MATTER PHYSICS](#)

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This group covers astronomical sciences, including cosmology and space sciences.

This group has eleven fields:

020101 Astrobiology  
020102 Astronomical and Space Instrumentation  
020103 Cosmology and Extragalactic Astronomy  
020104 Galactic Astronomy  
020105 General Relativity and Gravitational Waves  
020106 High Energy Astrophysics; Cosmic Rays  
020107 Mesospheric, Ionospheric and Magnetospheric Physics  
020108 Planetary Science (excl. Extraterrestrial Geology)  
020109 Space and Solar Physics  
020110 Stellar Astronomy and Planetary Systems  
020199 Astronomical and Space Sciences not elsewhere classified

### Exclusions:

- String theory is included in [Group 0206 Quantum Physics](#).
- Tropospheric and stratospheric physics are included in [Group 0401 Atmospheric Sciences](#).
- Extraterrestrial geology is included in [Group 0403 Geology](#).
- Satellite and space vehicle design and testing is included in [Group 0901 Aerospace Engineering](#).
- Remote sensing is included in [Group 0909 Geomatic Engineering](#).
- Communications technologies using satellites are included in [Group 1005 Communications Technologies](#).

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This group covers atomic, molecular, nuclear, particle and plasma physics.

This group has five fields:

020201 Atomic and Molecular Physics

020202 Nuclear Physics

020203 Particle Physics

020204 Plasma Physics; Fusion Plasmas; Electrical Discharges

020299 Atomic, Molecular, Nuclear, Particle and Plasma Physics not elsewhere classified

### Exclusions:

a) Atom optics is included in [Group 0206 Quantum Physics](#).

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This group covers classical physics.

This group has five fields:

020301 Acoustics and Acoustical Devices; Waves

020302 Electrostatics and Electrodynamics

020303 Fluid Physics

020304 Thermodynamics and Statistical Physics

020399 Classical Physics not elsewhere classified

### Exclusions:

a) Mathematical aspects of classical physics are included in [Group 0105 Mathematical Physics](#).

b) Classical optics is included in [Group 0205 Optical Physics](#).

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This group covers condensed matter physics.

This group has seven fields:

020401 Condensed Matter Characterisation Technique Development

020402 Condensed Matter Imaging

020403 Condensed Matter Modelling and Density Functional Theory

020404 Electronic and Magnetic Properties of Condensed Matter; Superconductivity

020405 Soft Condensed Matter

020406 Surfaces and Structural Properties of Condensed Matter

020499 Condensed Matter Physics not elsewhere classified

### Exclusions:

a) Other material sciences are included in Groups [0302 Inorganic Chemistry](#), [0303 Macromolecular and Materials Chemistry](#), [0903 Biomedical Engineering](#), [0912 Materials Engineering](#) and [0914 Resources Engineering and Extractive Metallurgy](#).

b) Nanotechnology and nanoscale characterisation is included in [Group 1007 Nanotechnology](#).

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This group covers optical physics.

This group has five fields:

020501 Classical and Physical Optics  
020502 Lasers and Quantum Electronics  
020503 Nonlinear Optics and Spectroscopy  
020504 Photonics, Optoelectronics and Optical Communications  
020599 Optical Physics not elsewhere classified

### Exclusions:

- a) Quantum optics and atom optics are included in [Group 0206 Quantum Physics](#).
- b) Optical properties of materials are included in [Group 0303 Macromolecular and Materials Chemistry](#).
- c) Photonic and optical communications systems are included in [Group 1005 Communications Technologies](#).
- d) Nanophotonics is included in [Group 1007 Nanotechnology](#).

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This group covers quantum physics, including quantum information and computation, quantum optics and atom optics.

This group has five fields:

020601 Degenerate Quantum Gases and Atom Optics  
020602 Field Theory and String Theory  
020603 Quantum Information, Computation and Communication  
020604 Quantum Optics  
020699 Quantum Physics not elsewhere classified

### Exclusions:

- Mathematical aspects of quantum physics are included in [Group 0105 Mathematical Physics](#).
- Quantum electronics is included in [Group 0205 Optical Physics](#).
- Communications technologies are included in [Group 1005 Communications Technologies](#).

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This group covers any physical sciences that are not elsewhere classified.

It includes:

- biological physics (other than human biophysics);
- complex physical systems;
- medical physics;
- synchrotron and accelerator technologies; and
- instruments and techniques used in physics research.

This group has five fields:

029901 Biological Physics

029902 Complex Physical Systems

029903 Medical Physics

029904 Synchrotrons; Accelerators; Instruments and Techniques

029999 Physical Sciences not elsewhere classified

### Exclusions:

- a) Mathematical aspects of physics are included in [Group 0105 Mathematical Physics](#).
- b) Optical properties of materials are included in [Group 0303 Macromolecular and Materials Chemistry](#).
- c) Tropospheric and stratospheric physics are included in [Group 0401 Atmospheric Sciences](#).
- d) Extraterrestrial geology is included in [Group 0403 Geology](#).
- e) Geophysics is included in [Group 0404 Geophysics](#).
- f) Soil physics is included in [Group 0503 Soil Sciences](#).
- g) Engineering aspects of the physical sciences are included in [Division 09 Engineering](#).

- h) Technological aspects of the physical sciences are included in [Division 10 Technology](#).
- i) Human biophysics is included in [Group 1116 Medical Physiology](#).
- j) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers the chemical sciences. It includes immunological and bioassay methods, forensic chemistry, and atmospheric chemistry.

This division has eight groups:

- 0301 Analytical Chemistry
- 0302 Inorganic Chemistry
- 0303 Macromolecular and Materials Chemistry
- 0304 Medicinal and Biomolecular Chemistry
- 0305 Organic Chemistry
- 0306 Physical Chemistry (incl. Structural)
- 0307 Theoretical and Computational Chemistry
- 0399 Other Chemical Sciences

### Exclusions:

- a) Atmospheric sciences, other than atmospheric chemistry, are included in [Group 0401 Atmospheric Sciences](#).
- b) Geochemistry is included in [Group 0402 Geochemistry](#).
- c) Mineralogy and crystallography are included in [Group 0403 Geology](#).
- d) Soil chemistry is included in [Group 0503 Soil Sciences](#).
- e) Pharmacology for animal use is included in [Group 0707 Veterinary Sciences](#).
- f) Biochemistry other than biomolecular chemistry or medical biochemistry is included in [Group 0601 Biochemistry and Cell Biology](#).
- g) Chemical engineering is included in [Group 0904 Chemical Engineering](#).

- h) Food chemistry is included in [Group 0908 Food Sciences](#).
- i) Mechanical engineering is included in [Group 0913 Mechanical Engineering](#).
- j) Biocatalysis is included in [Group 1003 Industrial Biotechnology](#).
- k) Nanoscale characterisation and nanotechnology other than nanochemistry are included in [Group 1007 Nanotechnology](#).
- l) Medical biochemistry is included in [Group 1101 Medical Biochemistry and Metabolomics](#).
- m) Clinical chemistry is included in [Group 1103 Clinical Sciences](#).
- n) Pharmacology for human use and human toxicology is included in [Group 1115 Pharmacology and Pharmaceutical Sciences](#).
- o) Criminology is included in [Group 1602 Criminology](#).
- p) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 0301 ANALYTICAL CHEMISTRY](#)  
[GROUP 0302 INORGANIC CHEMISTRY](#)  
[GROUP 0303 MACROMOLECULAR AND MATERIALS CHEMISTRY](#)  
[GROUP 0304 MEDICINAL AND BIOMOLECULAR CHEMISTRY](#)  
[GROUP 0305 ORGANIC CHEMISTRY](#)  
[GROUP 0306 PHYSICAL CHEMISTRY \(INCL. STRUCTURAL\)](#)  
[GROUP 0307 THEORETICAL AND COMPUTATIONAL CHEMISTRY](#)  
[GROUP 0399 OTHER CHEMICAL SCIENCES](#)

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This group covers analytical chemistry.

This group has nine fields:

030101 Analytical Spectrometry

030102 Electroanalytical Chemistry

030103 Flow Analysis

030104 Immunological and Bioassay Methods

030105 Instrumental Methods (excl. Immunological and Bioassay Methods)

030106 Quality Assurance, Chemometrics, Traceability and Metrological Chemistry

030107 Sensor Technology (Chemical aspects)

030108 Separation Science

030199 Analytical Chemistry not elsewhere classified

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This group covers inorganic chemistry.

This group has eight fields:

030201 Bioinorganic Chemistry  
030202 f-Block Chemistry  
030203 Inorganic Green Chemistry  
030204 Main Group Metal Chemistry  
030205 Non-metal Chemistry  
030206 Solid State Chemistry  
030207 Transition Metal Chemistry  
030299 Inorganic Chemistry not elsewhere classified

### Exclusions:

- a) Other material sciences are included in Groups [0204 Condensed Matter Physics](#), [0303 Macromolecular and Materials Chemistry](#), [0903 Biomedical Engineering](#), [0912 Materials Engineering](#) and [0914 Resources Engineering and Extractive Metallurgy](#).
- b) Organometallic chemistry, environmental chemistry and industrial chemistry are included in [Group 0399 Other Chemical Sciences](#).
- c) Mineralogy and crystallography are included in [Group 0403 Geology](#).

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CHEMISTRY

This group covers macromolecular and materials chemistry. It includes nanochemistry.

This group has eight fields:

030301 Chemical Characterisation of Materials  
030302 Nanochemistry and Supramolecular Chemistry  
030303 Optical Properties of Materials  
030304 Physical Chemistry of Materials  
030305 Polymerisation Mechanisms  
030306 Synthesis of Materials  
030307 Theory and Design of Materials  
030399 Macromolecular and Materials Chemistry not elsewhere classified

### Exclusions:

- a) Other material sciences are included in Groups [0204 Condensed Matter Physics](#), [0302 Inorganic Chemistry](#), [0903 Biomedical Engineering](#), [0912 Materials Engineering](#) and [0914 Resources Engineering and Extractive Metallurgy](#).
- b) Nanoscale characterisation and nanotechnology other than nanochemistry are included in [Group 1007 Nanotechnology](#).

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This group covers medicinal and biomolecular chemistry. It includes cheminformatics.

This group has seven fields:

- 030401 Biologically Active Molecules
- 030402 Biomolecular Modelling and Design
- 030403 Characterisation of Biological Macromolecules
- 030404 Cheminformatics and Quantitative Structure-Activity Relationships
- 030405 Molecular Medicine
- 030406 Proteins and Peptides
- 030499 Medicinal and Biomolecular Chemistry not elsewhere classified

### Exclusions:

- a) Biochemistry other than medical biochemistry or biomolecular chemistry is included in [Group 0601 Biochemistry and Cell Biology](#).
- b) Pharmacology for animal use is included in [Group 0707 Veterinary Sciences](#).
- c) Food chemistry is included in [Group 0908 Food Sciences](#).
- d) Medical biochemistry is included in [Group 1101 Medical Biochemistry and Metabolomics](#).
- e) Clinical chemistry is included in [Group 1103 Clinical Sciences](#).
- f) Pharmacology for human use and human toxicology is included in [Group 1115 Pharmacology and Pharmaceutical Sciences](#).

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This group covers organic chemistry.

This group has six fields:

030501 Free Radical Chemistry  
030502 Natural Products Chemistry  
030503 Organic Chemical Synthesis  
030504 Organic Green Chemistry  
030505 Physical Organic Chemistry  
030599 Organic Chemistry not elsewhere classified

### Exclusions:

- Immunological and bioassay methods are included in [Group 0301 Analytical Chemistry](#).
- Medicinal and biomolecular chemistry is included in [Group 0304 Medicinal and Biomolecular Chemistry](#).
- Organometallic chemistry, environmental chemistry and industrial chemistry are included in [Group 0399 Other Chemical Sciences](#).
- Biochemistry is included in [Group 0601 Biochemistry and Cell Biology](#).
- Pharmacology for animal use is included in [Group 0707 Veterinary Sciences](#).
- Food chemistry is included in [Group 0908 Food Sciences](#).
- Medical biochemistry is included in [Group 1101 Medical Biochemistry and Metabolomics](#).
- Clinical chemistry is included in [Group 1103 Clinical Sciences](#).
- Pharmacology for human use and human toxicology is included in [Group 1115 Pharmacology and Pharmaceutical Sciences](#).

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This group covers physical chemistry.

This group has eight fields:

030601 Catalysis and Mechanisms of Reactions  
030602 Chemical Thermodynamics and Energetics  
030603 Colloid and Surface Chemistry  
030604 Electrochemistry  
030605 Solution Chemistry  
030606 Structural Chemistry and Spectroscopy  
030607 Transport Properties and Non-equilibrium Processes  
030699 Physical Chemistry not elsewhere classified

### Exclusions:

- Other material sciences are included in Groups [0204 Condensed Matter Physics](#), [0302 Inorganic Chemistry](#), [0303 Macromolecular and Materials Chemistry](#), [0903 Biomedical Engineering](#), [0912 Materials Engineering](#) and [0914 Resources Engineering and Extractive Metallurgy](#).
- Physical organic chemistry is included in [Group 0305 Organic Chemistry](#).
- Chemical engineering, including catalytic process engineering, is included in [Group 0904 Chemical Engineering](#).
- Mechanical engineering is included in [Group 0913 Mechanical Engineering](#).
- Biocatalysis is included in [Group 1003 Industrial Biotechnology](#).

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This group covers theoretical chemistry and computational chemistry.

This group has five fields:

030701 Quantum Chemistry

030702 Radiation and Matter

030703 Reaction Kinetics and Dynamics

030704 Statistical Mechanics in Chemistry

030799 Theoretical and Computational Chemistry not elsewhere classified

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This group covers any chemical sciences not elsewhere classified.

It includes:

- organometallic chemistry;
- environmental chemistry;
- atmospheric chemistry;
- industrial chemistry; and
- forensic chemistry.

This group has five fields:

039901 Environmental Chemistry (incl. Atmospheric Chemistry)  
039902 Forensic Chemistry  
039903 Industrial Chemistry  
039904 Organometallic Chemistry  
039999 Chemical Sciences not elsewhere classified

### Exclusions:

- a) Atmospheric sciences, other than atmospheric chemistry, are included in [Group 0401 Atmospheric Sciences](#).
- b) Geochemistry is included in [Group 0402 Geochemistry](#).
- c) Mineralogy and crystallography are included in [Group 0403 Geology](#).
- d) Soil chemistry is included in [Group 0503 Soil Sciences](#).
- e) Pharmacology for animal use is included in [Group 0707 Veterinary Sciences](#).
- f) Biochemistry other than biomolecular chemistry or medical biochemistry is included in [Group 0601](#)

[Biochemistry and Cell Biology.](#)

- g) Chemical engineering is included in [Group 0904 Chemical Engineering.](#)
- h) Food chemistry is included in [Group 0908 Food Sciences.](#)
- i) Mechanical engineering is included in [Group 0913 Mechanical Engineering.](#)
- j) Biocatalysis is included in [Group 1003 Industrial Biotechnology.](#)
- k) Nanoscale characterisation and nanotechnology other than nanochemistry are included in [Group 1007 Nanotechnology.](#)
- l) Medical biochemistry is included in [Group 1101 Medical Biochemistry and Metabolomics.](#)
- m) Clinical chemistry is included in [Group 1103 Clinical Sciences.](#)
- n) Pharmacology for human use and human toxicology is included in [Group 1115 Pharmacology and Pharmaceutical Sciences.](#)
- o) Criminology is included in [Group 1602 Criminology.](#)
- p) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields.](#)

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This division covers the earth sciences.

This division has seven groups:

0401 Atmospheric Sciences  
0402 Geochemistry  
0403 Geology  
0404 Geophysics  
0405 Oceanography  
0406 Physical Geography and Environmental Geoscience  
0499 Other Earth Sciences

### Exclusions:

- Mesospheric, ionospheric and magnetospheric physics is included in [Group 0201 Astronomical and Space Sciences](#).
- Solid state chemistry and the chemical aspects of crystallography and are included in [Group 0302 Inorganic Chemistry](#).
- Environmental and atmospheric chemistry are included in [Group 0399 Other Chemical Sciences](#).
- Environmental sciences, including environmental monitoring, soil science and carbon sequestration science are included in [Division 05 Environmental Sciences](#).
- Marine ecology and palaeontology associated with palaeoecological studies is included in [Group 0602 Ecology](#).
- Agricultural applications of hydrology are included in [Group 0799 Other Agricultural and Veterinary Sciences](#).

- g) Water reticulation for household and non-agricultural industry use is included in Groups [0904 Chemical Engineering](#) and [0905 Civil Engineering](#).
- h) Environmental engineering is included in [Group 0907 Environmental Engineering](#).
- i) Materials engineering is included in [Group 0912 Materials Engineering](#).
- j) Mining, mineral processing and metallurgy are included in [Group 0914 Resources Engineering and Extractive Metallurgy](#).
- k) Social aspects of geography are included in [Group 1604 Human Geography](#).
- l) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

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[GROUP 0402 GEOCHEMISTRY](#)

[GROUP 0403 GEOLOGY](#)

[GROUP 0404 GEOPHYSICS](#)

[GROUP 0405 OCEANOGRAPHY](#)

[GROUP 0406 PHYSICAL GEOGRAPHY AND ENVIRONMENTAL GEOSCIENCE](#)

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This group covers atmospheric sciences, other than atmospheric chemistry.

This group has nine fields:

040101 Atmospheric Aerosols  
040102 Atmospheric Dynamics  
040103 Atmospheric Radiation  
040104 Climate Change Processes  
040105 Climatology (excl. Climate Change Processes)  
040106 Cloud Physics  
040107 Meteorology  
040108 Tropospheric and Stratospheric Physics  
040199 Atmospheric Sciences not elsewhere classified

### Exclusions:

- Mesospheric, ionospheric and magnetospheric physics is included in [Group 0201 Astronomical and Space Sciences](#).
- Atmospheric chemistry is included in [Group 0399 Other Chemical Sciences](#).
- Palaeoclimatology is included in [Group 0406 Physical Geography and Environmental Geoscience](#).
- Environmental sciences, including environmental monitoring and carbon sequestration science, are included in [Division 05 Environmental Sciences](#).

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This group covers geochemistry.

This group has five fields:

040201 Exploration Geochemistry

040202 Inorganic Geochemistry

040203 Isotope Geochemistry

040204 Organic Geochemistry

040299 Geochemistry not elsewhere classified

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This group covers geology. It includes palaeontology, including palaeozoology, palaeobotany and palynology, other than that associated with palaeoecological studies.

This group has fifteen fields:

- 040301 Basin Analysis
- 040302 Extraterrestrial Geology
- 040303 Geochronology
- 040304 Igneous and Metamorphic Petrology
- 040305 Marine Geoscience
- 040306 Mineralogy and Crystallography
- 040307 Ore Deposit Petrology
- 040308 Palaeontology (incl. Palynology)
- 040309 Petroleum and Coal Geology
- 040310 Sedimentology
- 040311 Stratigraphy (incl. Biostratigraphy and Sequence Stratigraphy)
- 040312 Structural Geology
- 040313 Tectonics
- 040314 Volcanology
- 040399 Geology not elsewhere classified

### Exclusions:

- a) Planetary science other than extraterrestrial geology is included in [Group 0201 Astronomical and Space Sciences](#).
- b) Solid state chemistry and the chemical aspects of crystallography are included in [Group 0302 Inorganic](#)

[Chemistry](#).

c) Oceanography is included in [Group 0405 Oceanography](#).

d) Palaeoclimatology is included in Group [0406 Physical Geography and Environmental Geoscience](#).

e) Palaeontology associated with palaeoecological studies is included in [Group 0602 Ecology](#).

f) Materials engineering is included in [Group 0912 Materials Engineering](#).

g) Mining, mineral processing and metallurgy are included in [Group 0914 Resources Engineering and Extractive Metallurgy](#).

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This group covers geophysics.

This group has eight fields:

040401 Electrical and Electromagnetic Methods in Geophysics

040402 Geodynamics

040403 Geophysical Fluid Dynamics

040404 Geothermics and Radiometrics

040405 Gravimetrics

040406 Magnetism and Palaeomagnetism

040407 Seismology and Seismic Exploration

040499 Geophysics not elsewhere classified

### Exclusions:

a) Geodesy is included in [Group 0909 Geomatic Engineering](#).

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This group covers oceanography.

This group has four fields:

040501 Biological Oceanography

040502 Chemical Oceanography

040503 Physical Oceanography

040599 Oceanography not elsewhere classified

### Exclusions:

a) Marine geoscience is included in [Group 0403 Geology](#).

b) Marine ecology is included in [Group 0602 Ecology](#).

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This group covers physical geography and environmental geoscience, other than agricultural hydrology.

This group has nine fields:

040601 Geomorphology and Regolith and Landscape Evolution

040602 Glaciology

040603 Hydrogeology

040604 Natural Hazards

040605 Palaeoclimatology

040606 Quaternary Environments

040607 Surface Processes

040608 Surfacewater Hydrology

040699 Physical Geography and Environmental Geoscience not elsewhere classified

### Exclusions:

a) Climatology is included in [Group 0401 Atmospheric Sciences](#).

b) Environmental sciences are included in [Division 05 Environmental Sciences](#).

c) Agricultural applications of hydrology are included in [Group 0799 Other Agricultural and Veterinary Sciences](#).

d) Water reticulation for household and non-agricultural industry use is included in Groups [0904 Chemical Engineering](#) and [0905 Civil Engineering](#).

e) Environmental engineering is included in [Group 0907 Environmental Engineering](#).

f) Social aspects of geography are included in [Group 1604 Human Geography](#).

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This group covers earth sciences not elsewhere classified.

This group has one field:

049999 Earth Sciences not elsewhere classified

### Exclusions:

- Mesospheric, ionospheric and magnetospheric physics is included in [Group 0201 Astronomical and Space Sciences](#).
- Solid state chemistry and the chemical aspects of crystallography and are included in [Group 0302 Inorganic Chemistry](#).
- Environmental and atmospheric chemistry are included in [Group 0399 Other Chemical Sciences](#).
- Environmental sciences, including environmental monitoring, soil science and carbon sequestration science are included in [Division 05 Environmental Sciences](#).
- Marine ecology and palaeontology associated with palaeoecological studies is included in [Group 0602 Ecology](#).
- Agricultural applications of hydrology are included in [Group 0799 Other Agricultural and Veterinary Sciences](#).
- Water reticulation for household and non-agricultural industry use is included in Groups [0904 Chemical Engineering](#) and [0905 Civil Engineering](#).
- Environmental engineering is included in [Group 0907 Environmental Engineering](#).
- Materials engineering is included in [Group 0912 Materials Engineering](#).
- Mining, mineral processing and metallurgy are included in [Group 0914 Resources Engineering and](#)

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k) Social aspects of geography are included in [Group 1604 Human Geography](#).

l) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers environmental sciences.

This division has four groups:

0501 Ecological Applications

0502 Environmental Science and Management

0503 Soil Sciences

0599 Other Environmental Sciences

### Exclusions:

- a) Environmental chemistry is included in [Group 0399 Other Chemical Sciences](#).
- b) Atmospheric sciences are included in [Group 0401 Atmospheric Sciences](#).
- c) Hydrology and environmental geoscience are included in [Group 0406 Physical Geography and Environmental Geoscience](#).
- d) Basic ecological research is included in [Group 0602 Ecology](#).
- e) Management of land and soil for agricultural production is included in [Group 0701 Agriculture, Land and Farm Management](#).
- f) Management of forests for forestry production is included in [Group 0705 Forestry Sciences](#).
- g) Carbon capture engineering is included in [Group 0904 Chemical Engineering](#).
- h) Environmental engineering is included in [Group 0907 Environmental Engineering](#).
- i) Environmental biotechnology is included in [Group 1002 Environmental Biotechnology](#).
- j) Environmental nanotechnology is included in [Group 1007 Nanotechnology](#).
- k) Management of land and parks in built environments is included in [Group 1205 Urban and Regional](#)

[Planning.](#)

- l) Environment economics are included in [Group 1402 Applied Economics](#).
- m) Ecological economics is included in [Group 1499 Other Economics](#).
- n) Environment policy is included in [Group 1605 Policy and Administration](#).
- o) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 0501 ECOLOGICAL APPLICATIONS](#)

[GROUP 0502 ENVIRONMENTAL SCIENCE AND MANAGEMENT](#)

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This group covers applications of ecology.

This group has five fields:

050101 Ecological Impacts of Climate Change

050102 Ecosystem Function

050103 Invasive Species Ecology

050104 Landscape Ecology

050199 Ecological Applications not elsewhere classified

### Exclusions:

a) Conservation and biodiversity are included in [Group 0502 Environmental Science and Management](#).

b) Basic ecological research is included in [Group 0602 Ecology](#).

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This group covers environmental science and management.

It includes:

- the environmental and ecological knowledge of Aboriginal and Torres Strait Islander, Maori and Pacific Peoples;
- conservation and biodiversity;
- public education on environmental issues; and
- the management and monitoring of natural resources and environments for their environmental value.

This group has twelve fields:

050201 Aboriginal and Torres Strait Islander Environmental Knowledge

050202 Conservation and Biodiversity

050203 Environmental Education and Extension

050204 Environmental Impact Assessment

050205 Environmental Management

050206 Environmental Monitoring

050207 Environmental Rehabilitation (excl. Bioremediation)

050208 Maori Environmental Knowledge

050209 Natural Resource Management

050210 Pacific Peoples Environmental Knowledge

050211 Wildlife and Habitat Management

050299 Environmental Science and Management not elsewhere classified

**Exclusions:**

- a) Ecological applications are included in [Group 0501 Ecological Applications](#).
- b) Management of land for agricultural production other than forestry production is included in [Group 0701 Agriculture, Land and Farm Management](#).
- c) Management of forests for forestry production is included in [Group 0705 Forestry Sciences](#).
- d) Bioremediation and environmental biosensors are included in [Group 1002 Environmental Biotechnology](#).
- e) Management of land and parks in built environments is included in [Group 1205 Urban and Regional Planning](#).
- f) Environment policy is included in [Group 1605 Policy and Administration](#).

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This group covers soil sciences.

This group has six fields:

050301 Carbon Sequestration Science  
050302 Land Capability and Soil Degradation  
050303 Soil Biology  
050304 Soil Chemistry (excl. Carbon Sequestration Science)  
050305 Soil Physics  
050399 Soil Sciences not elsewhere classified

### Exclusions:

- a) Environmental chemistry is included in [Group 0399 Other Chemical Sciences](#).
- b) Management of land and soil for agricultural production is included in [Group 0701 Agriculture, Land and Farm Management](#).
- c) Carbon capture engineering is included in [Group 0904 Chemical Engineering](#).

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This group covers environmental sciences not elsewhere classified.

This group has one field:

059999 Environmental Sciences not elsewhere classified

### Exclusions:

- a) Environmental chemistry is included in [Group 0399 Other Chemical Sciences](#).
- b) Atmospheric sciences are included in [Group 0401 Atmospheric Sciences](#).
- c) Hydrology and environmental geoscience are included in [Group 0406 Physical Geography and Environmental Geoscience](#).
- d) Basic ecological research is included in [Group 0602 Ecology](#).
- e) Management of land and soil for agricultural production is included in [Group 0701 Agriculture, Land and Farm Management](#).
- f) Management of forests for forestry production is included in [Group 0705 Forestry Sciences](#).
- g) Carbon capture engineering is included in [Group 0904 Chemical Engineering](#).
- h) Environmental engineering is included in [Group 0907 Environmental Engineering](#).
- i) Environmental biotechnology is included in [Group 1002 Environmental Biotechnology](#).
- j) Environmental nanotechnology is included in [Group 1007 Nanotechnology](#).
- k) Management of land and parks in built environments is included in [Group 1205 Urban and Regional Planning](#).
- l) Environment economics are included in [Group 1402 Applied Economics](#).
- m) Ecological economics is included in [Group 1499 Other Economics](#).

n) Environment policy is included in [Group 1605 Policy and Administration](#).

o) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers biological sciences.

This division has nine groups:

0601 Biochemistry and Cell Biology  
0602 Ecology  
0603 Evolutionary Biology  
0604 Genetics  
0605 Microbiology  
0606 Physiology  
0607 Plant Biology  
0608 Zoology  
0699 Other Biological Sciences

### Exclusions:

- a) Biological mathematics is included in [Group 0102 Applied Mathematics](#).
- b) Biostatistics is included in [Group 0104 Statistics](#).
- c) Biophysics other than human biophysics is included in [Group 0299 Other Physical Sciences](#).
- d) Chemistry, including organic and biomolecular chemistry, is included in [Division 03 Chemical Sciences](#).
- e) Palaeontology other than that associated with palaeoecological studies is included in [Group 0403 Geology](#).
- f) Applications of ecology are included in [Group 0501 Ecological Applications](#).
- g) Conservation and biodiversity is included in [Group 0502 Environmental Science and Management](#).
- h) Biological or life sciences associated with agricultural production or veterinary sciences are included in [Division 07 Agricultural and Veterinary Sciences](#).

- i) Bioinformatics software is included in [Group 0803 Computer Software](#).
- j) Technological applications of biology are included in [Division 10 Technology](#).
- k) Biological or life sciences associated with human health and medicine are included in [Division 11 Medical and Health Sciences](#).
- l) Criminology is included in [Group 1602 Criminology](#).
- m) Animal bioethics is included in [Group 2201 Applied Ethics](#).
- n) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 0601 BIOCHEMISTRY AND CELL BIOLOGY](#)

[GROUP 0602 ECOLOGY](#)

[GROUP 0603 EVOLUTIONARY BIOLOGY](#)

[GROUP 0604 GENETICS](#)

[GROUP 0605 MICROBIOLOGY](#)

[GROUP 0606 PHYSIOLOGY](#)

[GROUP 0607 PLANT BIOLOGY](#)

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This group covers biochemistry or the chemistry of living organisms. It includes bioinformatics, cell biology and membrane biology.

This group has fifteen fields:

060101 Analytical Biochemistry

060102 Bioinformatics

060103 Cell Development, Proliferation and Death

060104 Cell Metabolism

060105 Cell Neurochemistry

060106 Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)

060107 Enzymes

060108 Protein Trafficking

060109 Proteomics and Intermolecular Interactions (excl. Medical Proteomics)

060110 Receptors and Membrane Biology

060111 Signal Transduction

060112 Structural Biology (incl. Macromolecular Modelling)

060113 Synthetic Biology

060114 Systems Biology

060199 Biochemistry and Cell Biology not elsewhere classified

### Exclusions:

- Chemistry, including organic and biomolecular chemistry, is included in [Division 03 Chemical Sciences](#).
- Cell and molecular biology specific to plants is included in [Group 0607 Plant Biology](#).
- Cell and molecular biology specific to animals is included in [Group 0608 Zoology](#).

- d) Biochemistry of agricultural plants is included in [Division 07 Agricultural and Veterinary Sciences](#).
- e) Bioinformatics software is included in [Group 0803 Computer Software](#).
- f) Biochemistry and proteomics associated with medical science is included in [Group 1101 Medical Biochemistry and Metabolomics](#).

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This group covers ecology other than its environmental applications.

It includes:

- plant or animal ecology;
- limnology and ecological studies of freshwater bodies such as lakes or ponds; and
- palaeoecology (including palynology associated with palaeoecological studies).

This group has nine fields:

060201 Behavioural Ecology  
060202 Community Ecology (excl. Invasive Species Ecology)  
060203 Ecological Physiology  
060204 Freshwater Ecology  
060205 Marine and Estuarine Ecology (incl. Marine Ichthyology)  
060206 Palaeoecology  
060207 Population Ecology  
060208 Terrestrial Ecology  
060299 Ecology not elsewhere classified

### Exclusions:

- a) Palaeontology other than that associated with palaeoecological studies is included in [Group 0403 Geology](#).
- b) Applications of ecology, including the ecology of invasive species, are included in [Group 0501 Ecological Applications](#).
- c) Population and ecological genetics is included in [Group 0604 Genetics](#).
- d) Microbial ecology is included in [Group 0605 Microbiology](#).

e) Freshwater ichthyology and animal physiological ecology are included in [Group 0608 Zoology](#).

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This group covers evolutionary biology, including biogeography and adaptation.

This group has twelve fields:

060301 Animal Systematics and Taxonomy  
060302 Biogeography and Phylogeography  
060303 Biological Adaptation  
060304 Ethology and Sociobiology  
060305 Evolution of Developmental Systems  
060306 Evolutionary Impacts of Climate Change  
060307 Host-Parasite Interactions  
060308 Life Histories  
060309 Phylogeny and Comparative Analysis  
060310 Plant Systematics and Taxonomy  
060311 Speciation and Extinction  
060399 Evolutionary Biology not elsewhere classified

### Exclusions:

a) Evolutionary genetics and molecular evolution is included in [Group 0604 Genetics](#).

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This group covers genetics and heredity.

This group has thirteen fields:

060401 Anthropological Genetics  
060402 Cell and Nuclear Division  
060403 Developmental Genetics (incl. Sex Determination)  
060404 Epigenetics (incl. Genome Methylation and Epigenomics)  
060405 Gene Expression (incl. Microarray and other genome-wide approaches)  
060406 Genetic Immunology  
060407 Genome Structure and Regulation  
060408 Genomics  
060409 Molecular Evolution  
060410 Neurogenetics  
060411 Population, Ecological and Evolutionary Genetics  
060412 Quantitative Genetics (incl. Disease and Trait Mapping Genetics)  
060499 Genetics not elsewhere classified

### Exclusions:

- Microbial genetics is included in [Group 0605 Microbiology](#).
- Animal genetics associated with animal breeding is included in [Group 0702 Animal Production](#).
- Genetics of agricultural crops (excluding genetic engineering) is included in Groups [0703 Crop and Pasture Production](#) and [0706 Horticultural Production](#).
- Genetic engineering of agricultural crops is included in [Group 1001 Agricultural Biotechnology](#).
- Genetics associated with human health and medicine is included in Groups [1103 Clinical Sciences](#) and

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This group covers microbiology, including bacteriology, parasitology and virology.

This group has seven fields:

060501 Bacteriology  
060502 Infectious Agents  
060503 Microbial Genetics  
060504 Microbial Ecology  
060505 Mycology  
060506 Virology  
060599 Microbiology not elsewhere classified

### Exclusions:

- a) Microbial systematics, taxonomy and phylogeny are included in [Group 0603 Evolutionary Biology](#).
- b) Veterinary microbiology is included in [Group 0707 Veterinary Sciences](#).
- c) Medical and clinical microbiology are included in [Division 11 Medical and Health Sciences](#).

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This group covers physiology other than medical or plant.

This group has five fields:

060601 Animal Physiology - Biophysics  
060602 Animal Physiology - Cell  
060603 Animal Physiology - Systems  
060604 Comparative Physiology  
060699 Physiology not elsewhere classified

### Exclusions:

- a) Plant physiology is included in [Group 0607 Plant Biology](#).
- b) Animal physiological ecology is included in [Group 0608 Zoology](#).
- c) Physiology related to specific aspects of animal production or veterinary practice is included in [Division 07 Agricultural and Veterinary Sciences](#).
- d) Medical physiology is included in [Group 1116 Medical Physiology](#).

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This group covers plant biology.

It includes:

- mycology, which for the purpose of this classification includes the study of lichen;
- plant pathology other than that associated with plant protection procedures used in agriculture and horticulture; and
- phycology (including algae and marine grasses).

This group has six fields:

060701 Phycology (incl. Marine Grasses)  
060702 Plant Cell and Molecular Biology  
060703 Plant Developmental and Reproductive Biology  
060704 Plant Pathology  
060705 Plant Physiology  
060799 Plant Biology not elsewhere classified

### Exclusions:

a) Palaeobotany and palynology (other than palynology associated with ecological studies) are included in

[Group 0403 Geology](#).

b) Cell and molecular biology not specific to plants or animals is included in [Group 0601 Biochemistry and Cell Biology](#).

c) Plant ecology and palynology associated with ecological studies is included in [Group 0602 Ecology](#).

d) Plant systematics, taxonomy and phylogeny are included in [Group 0603 Evolutionary Biology](#).

e) Plant science or plant pathology associated with agriculture, forestry or primary production is included in

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This group covers zoology.

It includes:

- the study of terrestrial vertebrates (other than humans);
- non-insect terrestrial invertebrates;
- ornithology;
- herpetology;
- freshwater ichthyology; and
- entomology

This group has ten fields:

060801 Animal Behaviour  
060802 Animal Cell and Molecular Biology  
060803 Animal Developmental and Reproductive Biology  
060804 Animal Immunology  
060805 Animal Neurobiology  
060806 Animal Physiological Ecology  
060807 Animal Structure and Function  
060808 Invertebrate Biology  
060809 Vertebrate Biology  
060899 Zoology not elsewhere classified

### Exclusions:

- a) Palaeontology other than that associated with palaeoecological studies is included in [Group 0403 Geology](#).
- b) Cell and molecular biology not specific to plants or animals is included in [Group 0601 Biochemistry and Cell](#)

[Biology.](#)

- c) Animal ecology and marine ichthyology are included in [Group 0602 Ecology](#).
- d) Animal systematics, taxonomy and phylogeny are included in [Group 0603 Evolutionary Biology](#).
- e) Animal physiology is included in [Group 0606 Physiology](#).
- f) The use of live animals for purposes of primary production is included in [Group 0702 Animal Production](#).
- g) Fisheries and aquaculture for primary production is included in [Group 0704 Fisheries Sciences](#).
- h) The human immune system is included in [Group 1107 Immunology](#).
- i) The human nervous system is included in [Group 1109 Neurosciences](#).
- j) The use of live animals or material from live animals for medical research is included in [Group 1199 Other Medical and Health Sciences](#).
- k) Animal bioethics is included in [Group 2201 Applied Ethics](#).

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This group covers biological sciences not elsewhere classified. It includes forensic biology and global change biology.

This group has three fields:

069901 Forensic Biology

069902 Global Change Biology

069999 Biological Sciences not elsewhere classified

### Exclusions:

- Biological mathematics is included in [Group 0102 Applied Mathematics](#).
- Biostatistics is included in [Group 0104 Statistics](#).
- Biophysics other than human biophysics is included in [Group 0299 Other Physical Sciences](#).
- Chemistry, including organic and biomolecular chemistry, is included in [Division 03 Chemical Sciences](#).
- Palaeontology other than that associated with palaeoecological studies is included in [Group 0403 Geology](#).
- Applications of ecology are included in [Group 0501 Ecological Applications](#).
- Conservation and biodiversity is included in [Group 0502 Environmental Science and Management](#).
- Biological or life sciences associated with agricultural production or veterinary sciences are included in [Division 07 Agricultural and Veterinary Sciences](#).
- Bioinformatics software is included in [Group 0803 Computer Software](#).
- Technological applications of biology are included in [Division 10 Technology](#).
- Biological or life sciences associated with human health and medicine are included in [Division 11 Medical and Health Sciences](#).

- l) Criminology is included in [Group 1602 Criminology](#).
- m) Animal bioethics is included in [Group 2201 Applied Ethics](#).
- n) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers the sciences and technologies supporting agriculture.

It includes:

- crop and pasture production;
- agronomy;
- horticultural production;
- animal production;
- forestry sciences;
- fisheries sciences; and
- veterinary sciences.

This division has eight groups:

0701 Agriculture, Land and Farm Management  
0702 Animal Production  
0703 Crop and Pasture Production  
0704 Fisheries Sciences  
0705 Forestry Sciences  
0706 Horticultural Production  
0707 Veterinary Sciences  
0799 Other Agricultural and Veterinary Sciences

### Exclusions:

a) Hydrology other than agricultural hydrology is included in [Group 0406 Physical Geography and Environmental Geoscience](#).

- b) Management of parks in natural environments is included in [Group 0502 Environmental Science and Management](#).
- c) Soil sciences are included in [Group 0503 Soil Sciences](#).
- d) Biological or life sciences not associated with agricultural and veterinary sciences or human health and medicine are included in [Division 06 Biological Sciences](#).
- e) Food science, including food processing and packaging, is included in [Group 0908 Food Sciences](#).
- f) Agricultural engineering is included in [Group 0999 Other Engineering](#).
- g) Agricultural biotechnology is included in [Group 1001 Agricultural Biotechnology](#).
- h) Biological control of pests, diseases and exotic species is included in [Group 1002 Environmental Biotechnology](#).
- i) Biological or life sciences associated with human health and medicine are included in [Division 11 Medical and Health Sciences](#).
- j) Management and planning of land and parks in built environments is included in [Group 1205 Urban and Regional Planning](#).
- k) Agricultural economics is included in [Group 1402 Applied Economics](#).
- l) Management of non-rural businesses is included in [Group 1503 Business and Management](#).
- m) Animal bioethics is included in [Group 2201 Applied Ethics](#).
- n) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 0701 AGRICULTURE, LAND AND FARM MANAGEMENT](#)

[GROUP 0702 ANIMAL PRODUCTION](#)

[GROUP 0703 CROP AND PASTURE PRODUCTION](#)

[GROUP 0704 FISHERIES SCIENCES](#)

[GROUP 0705 FORESTRY SCIENCES](#)

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This group covers the management of agriculture, land, and farms and rural businesses.

This group has nine fields:

070101 Agricultural Land Management  
070102 Agricultural Land Planning  
070103 Agricultural Production Systems Simulation  
070104 Agricultural Spatial Analysis and Modelling  
070105 Agricultural Systems Analysis and Modelling  
070106 Farm Management, Rural Management and Agribusiness  
070107 Farming Systems Research  
070108 Sustainable Agricultural Development  
070199 Agriculture, Land and Farm Management not elsewhere classified

### Exclusions:

- Management of parks in natural environments is included in [Group 0502 Environmental Science and Management](#).
- Soil sciences are included in [Group 0503 Soil Sciences](#).
- Management of forests for agricultural production is included in [Group 0705 Forestry Sciences](#).
- Agricultural water management is included in [Group 0799 Other Agricultural and Veterinary Sciences](#).
- Management and planning of land and parks in built environments is included in [Group 1205 Urban and Regional Planning](#).
- Management of non-rural businesses is included in [Group 1503 Business and Management](#).

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This group covers the sciences and technologies supporting the primary production of livestock, including birds and poultry.

It includes:

- bees and apiary culture;
- egg production; and
- animal production for domestic or sporting uses.

This group has eight fields:

070201 Animal Breeding  
070202 Animal Growth and Development  
070203 Animal Management  
070204 Animal Nutrition  
070205 Animal Protection (Pests and Pathogens)  
070206 Animal Reproduction  
070207 Humane Animal Treatment  
070299 Animal Production not elsewhere classified

### Exclusions:

- The culture and production of marine and freshwater animals, including fish, crustaceans and shellfish, is included in [Group 0704 Fisheries Sciences](#).
- Veterinary science is included in [Group 0707 Veterinary Sciences](#).
- Food science, including food processing and packaging, is included in [Group 0908 Food Sciences](#).
- Genetic engineering and cloning of livestock is included in [Group 1001 Agricultural Biotechnology](#).

e) Biological control of pests, diseases and exotic species is included in [Group 1002 Environmental Biotechnology](#).

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This group covers the science and technologies supporting the production of crops, pastures and grains.

It includes:

- agronomy;
- genetics and field protection procedures for crop and pasture production;
- post harvest treatment transportation of crops and grains; and
- weed science

This group has nine fields:

070301 Agro-ecosystem Function and Prediction

070302 Agronomy

070303 Crop and Pasture Biochemistry and Physiology

070304 Crop and Pasture Biomass and Bioproducts

070305 Crop and Pasture Improvement (Selection and Breeding)

070306 Crop and Pasture Nutrition

070307 Crop and Pasture Post Harvest Technologies (incl. Transportation and Storage)

070308 Crop and Pasture Protection (Pests, Diseases and Weeds)

070399 Crop and Pasture Production not elsewhere classified

### Exclusions:

- a) Genetic engineering of crops and pasture is included in [Group 1001 Agricultural Biotechnology](#).
- b) Biological control of pests, diseases and exotic species is included in [Group 1002 Environmental Biotechnology](#).

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This group covers the sciences and technologies supporting fishing and production of freshwater and marine fisheries (including shellfish and crustaceans).

This group has seven fields:

070401 Aquaculture  
070402 Aquatic Ecosystem Studies and Stock Assessment  
070403 Fisheries Management  
070404 Fish Pests and Diseases  
070405 Fish Physiology and Genetics  
070406 Post-Harvest Fisheries Technologies (incl. Transportation)  
070499 Fisheries Sciences not elsewhere classified

### Exclusions:

- a) Food science, including food processing and packaging, is included in [Group 0908 Food Sciences](#).  
b) Biological control of pests, diseases and exotic species is included in [Group 1002 Environmental Biotechnology](#).

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This group covers forestry sciences and silviculture. It includes forest fire prevention and control.

This group has eleven fields:

070501 Agroforestry  
070502 Forestry Biomass and Bioproducts  
070503 Forestry Fire Management  
070504 Forestry Management and Environment  
070505 Forestry Pests, Health and Diseases  
070506 Forestry Product Quality Assessment  
070507 Tree Improvement (Selection and Breeding)  
070508 Tree Nutrition and Physiology  
070509 Wood Fibre Processing  
070510 Wood Processing  
070599 Forestry Sciences not elsewhere classified

### Exclusions:

- Management of forests in natural environments other than for forestry production is included in [Group 0502 Environmental Science and Management](#).
- Genetic engineering of trees for agricultural production is included in [Group 1001 Agricultural Biotechnology](#).
- Biological control of pests, diseases and exotic species is included in [Group 1002 Environmental Biotechnology](#).

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This group covers horticultural production and horticultural science.

It includes:

- the propagation and culture of garden or horticultural crops (including production methods such as tissue culture, glasshouse techniques and hydroponics);
- fruit crops;
- viticulture and oenology;
- flower production, ornamental crops and nursery stock;
- propagating and growing vegetable crops (including mushrooms and fungi consumed as food);
- post harvest treatment of horticultural crops;
- lawns for aesthetic or sporting purposes.

This group has six fields:

070601 Horticultural Crop Growth and Development

070602 Horticultural Crop Improvement (Selection and Breeding)

070603 Horticultural Crop Protection (Pests, Diseases and Weeds)

070604 Oenology and Viticulture

070605 Post Harvest Horticultural Technologies (incl. Transportation and Storage)

070699 Horticultural Production not elsewhere classified

### Exclusions:

- a) Food science, including food processing and packaging, is included in [Group 0908 Food Sciences](#).
- b) Genetic engineering of horticultural crops is included in [Group 1001 Agricultural Biotechnology](#).

c) Biological control of pests, diseases and exotic species is included in [Group 1002 Environmental Biotechnology](#).

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This group covers veterinary science practised on livestock for primary production, domestic, sporting and other uses.

This group has thirteen fields:

070701 Veterinary Anaesthesiology and Intensive Care  
070702 Veterinary Anatomy and Physiology  
070703 Veterinary Diagnosis and Diagnostics  
070704 Veterinary Epidemiology  
070705 Veterinary Immunology  
070706 Veterinary Medicine  
070707 Veterinary Microbiology (excl. Virology)  
070708 Veterinary Parasitology  
070709 Veterinary Pathology  
070710 Veterinary Pharmacology  
070711 Veterinary Surgery  
070712 Veterinary Virology  
070799 Veterinary Sciences not elsewhere classified

### Exclusions:

- Field procedures to protect animals against pests and pathogens are included in [Group 0702 Animal Production](#).
- Biological control of pests, diseases and exotic species is included in [Group 1002 Environmental Biotechnology](#).
- Biological or life sciences associated with human health and medicine are included in [Division 11 Medical](#)

[and Health Sciences.](#)

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This group covers agricultural and veterinary sciences not elsewhere classified. It includes fertilisers and agrochemicals, including their application, and agricultural applications of hydrology.

This group has three fields:

079901 Agricultural Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)

079902 Fertilisers and Agrochemicals (incl. Application)

079999 Agricultural and Veterinary Sciences not elsewhere classified

### Exclusions:

a) Hydrology other than agricultural hydrology is included in [Group 0406 Physical Geography and Environmental Geoscience](#).

b) Management of parks in natural environments is included in [Group 0502 Environmental Science and Management](#).

c) Soil sciences are included in [Group 0503 Soil Sciences](#).

d) Biological or life sciences not associated with agricultural and veterinary sciences or human health and medicine are included in [Division 06 Biological Sciences](#).

e) Food science, including food processing and packaging, is included in [Group 0908 Food Sciences](#).

f) Agricultural engineering is included in [Group 0999 Other Engineering](#).

g) Agricultural biotechnology is included in [Group 1001 Agricultural Biotechnology](#).

h) Biological control of pests, diseases and exotic species is included in [Group 1002 Environmental Biotechnology](#).

- i) Biological or life sciences associated with human health and medicine are included in [Division 11 Medical and Health Sciences](#).
- j) Management and planning of land and parks in built environments is included in [Group 1205 Urban and Regional Planning](#).
- k) Agricultural economics is included in [Group 1402 Applied Economics](#).
- l) Management of non-rural businesses is included in [Group 1503 Business and Management](#).
- m) Animal bioethics is included in [Group 2201 Applied Ethics](#).
- n) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers information and computing sciences.

This division has eight groups:

0801 Artificial Intelligence and Image Processing

0802 Computation Theory and Mathematics

0803 Computer Software

0804 Data Format

0805 Distributed Computing

0806 Information Systems

0807 Library and Information Studies

0899 Other Information and Computing Sciences

### Exclusions:

- Mathematics not associated with computer science is included in [Division 01 Mathematical Sciences](#).
- Cheminformatics is included in [Group 0304 Medicinal and Biomolecular Chemistry](#).
- The development of computer software, other than mathematics and bioinformatics software, which has applications to fields other than Division 08 Information and Computing Sciences is included in the appropriate divisions, e.g. computer modelling for atmospheric research is included in [Division 04 Earth Sciences](#); software development for forest management is included in [Division 07 Agricultural and Veterinary Sciences](#).
- Bioinformatics is included in [Group 0601 Biochemistry and Cell Biology](#).
- Mechatronics for automotive engineering are included in [Group 0902 Automotive Engineering](#).
- Signal processing and non-manufacturing robotics are included in [Group 0906 Electrical and Electronic Engineering](#).

- g) Geospatial information systems are included in [Group 0909 Geomatic Engineering](#).
- h) Manufacturing robotics, mechatronics (excluding automotive applications) and CAD/CAM systems are included in [Group 0910 Manufacturing Engineering](#).
- i) Communications technologies are included in [Group 1005 Communications Technologies](#).
- j) Development of computer hardware is included in [Group 1006 Computer Hardware](#).
- k) Health information systems, including surveillance, are included in [Group 1117 Public Health and Health Services](#).
- l) Business records and information management and business information systems are included in [Group 1503 Business and Management](#).
- m) Computer perception, memory and attention are included in [Group 1702 Cognitive Sciences](#).
- n) Computational linguistics is included in [Group 2004 Linguistics](#).
- o) Archival, repository and related studies is included in [Group 2102 Curatorial and Related Studies](#).
- p) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 0801 ARTIFICIAL INTELLIGENCE AND IMAGE PROCESSING](#)

[GROUP 0802 COMPUTATION THEORY AND MATHEMATICS](#)

[GROUP 0803 COMPUTER SOFTWARE](#)

[GROUP 0804 DATA FORMAT](#)

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This group covers artificial intelligence, expert systems and image processing.

It includes:

- technologies supplementing or supporting information systems or presentation, such as computer graphics, natural language processing, pattern recognition and data mining; and
- virtual and artificial realities and related simulation.

This group has twelve fields:

080101 Adaptive Agents and Intelligent Robotics

080102 Artificial Life

080103 Computer Graphics

080104 Computer Vision

080105 Expert Systems

080106 Image Processing

080107 Natural Language Processing

080108 Neural, Evolutionary and Fuzzy Computation

080109 Pattern Recognition and Data Mining

080110 Simulation and Modelling

080111 Virtual Reality and Related Simulation

080199 Artificial Intelligence and Image Processing not elsewhere classified

### Exclusions:

a) Signal processing and non-manufacturing robotics are included in [Group 0906 Electrical and Electronic Engineering](#).

- b) Manufacturing robotics is included in [Group 0910 Manufacturing Engineering](#).
- c) Computer perception, memory and attention are included in [Group 1702 Cognitive Sciences](#).
- d) Computational linguistics is included in [Group 2004 Linguistics](#).

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This group covers computation theory and mathematics of computing.

This group has six fields:

080201 Analysis of Algorithms and Complexity

080202 Applied Discrete Mathematics

080203 Computational Logic and Formal Languages

080204 Mathematical Software

080205 Numerical Computation

080299 Computation Theory and Mathematics not elsewhere classified

### Exclusions:

a) Mathematics not associated with computer science is included in [Division 01 Mathematical Sciences](#).

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This group covers technologies related to computer software, software programming, computer languages and software operating systems.

This group has ten fields:

080301 Bioinformatics Software  
080302 Computer System Architecture  
080303 Computer System Security  
080304 Concurrent Programming  
080305 Multimedia Programming  
080306 Open Software  
080307 Operating Systems  
080308 Programming Languages  
080309 Software Engineering  
080399 Computer Software not elsewhere classified

### Exclusions:

- Bioinformatics is included in [Group 0601 Biochemistry and Cell Biology](#).
- Mathematics software is included in [Group 0802 Computation Theory and Mathematics](#).
- The development of computer software, other than mathematics and bioinformatics software, which has applications to fields other than Division 08 Information and Computing Sciences is included in the appropriate divisions, e.g. computer modelling for atmospheric research is included in [Division 04 Earth Sciences](#); software development for forest management is included in [Division 07 Agricultural and Veterinary Sciences](#).

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This group covers data format technologies in the information and computing sciences.

This group has five fields:

080401 Coding and Information Theory

080402 Data Encryption

080403 Data Structures

080404 Markup Languages

080499 Data Format not elsewhere classified

### Exclusions:

a) Systems for communicating encrypted data are included in [Group 1005 Communications Technologies](#).

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This group covers computing distributed over multiple independent systems. It includes web technologies.

This group has six fields:

080501 Distributed and Grid Systems

080502 Mobile Technologies

080503 Networking and Communications

080504 Ubiquitous Computing

080505 Web Technologies (excl. Web Search)

080599 Distributed Computing not elsewhere classified

### Exclusions:

a) Web services are included in [Group 0806 Information Systems](#).

b) Web search is included in [Group 0807 Library and Information Studies](#).

c) Hardware for data communication is included in [Group 1005 Communication Technologies](#).

d) Computer hardware is included in [Group 1006 Computer Hardware](#).

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This group covers information systems.

It includes:

- computer and information systems organisation, design and management;
- interfaces and presentation, including computer-human interaction, and the application of psychology to computer-human interfaces;
- web services other than web search;
- traditional information and knowledge systems; and
- systems theory and conceptual modelling.

This group has fifteen fields:

080601 Aboriginal and Torres Strait Islander Information and Knowledge Systems

080602 Computer-Human Interaction

080603 Conceptual Modelling

080604 Database Management

080605 Decision Support and Group Support Systems

080606 Global Information Systems

080607 Information Engineering and Theory

080608 Information Systems Development Methodologies

080609 Information Systems Management

080610 Information Systems Organisation

080611 Information Systems Theory

080612 Interorganisational Information Systems and Web Services

080613 Maori Information and Knowledge Systems

080614 Pacific Peoples Information and Knowledge Systems

080699 Information Systems not elsewhere classified

**Exclusions:**

a) Organisation and retrieval of information is included in [Group 0807 Library and Information Studies](#).

b) Geospatial information systems are included in [Group 0909 Geomatic Engineering](#).

c) Development of computer hardware is included in [Group 1006 Computer Hardware](#).

d) Health information systems, including surveillance, are included in [Group 1117 Public Health and Health Services](#).

e) Business information systems are included in [Group 1503 Business and Management](#).

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This group covers library and information studies.

It includes:

- management, organisation and retrieval of information and knowledge;
- librarianship; and
- research on how information is used.

This group has ten fields:

080701 Aboriginal and Torres Strait Islander Knowledge Management  
080702 Health Informatics  
080703 Human Information Behaviour  
080704 Information Retrieval and Web Search  
080705 Informetrics  
080706 Librarianship  
080707 Organisation of Information and Knowledge Resources  
080708 Records and Information Management (excl. Business Records and Information Management)  
080709 Social and Community Informatics  
080799 Library and Information Studies not elsewhere classified

### Exclusions:

- a) Cheminformatics is included in [Group 0304 Medicinal and Biomolecular Chemistry](#).
- b) Bioinformatics is included in [Group 0601 Biochemistry and Cell Biology](#).
- c) Organisation of information systems is included in [Group 0806 Information Systems](#).

- d) Business records and information management is included in [Group 1503 Business and Management](#).
- e) Archival, repository and related studies is included in [Group 2102 Curatorial and Related Studies](#).

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This group covers information and computing sciences not elsewhere classified.

This group has one field:

089999 Information and Computing Sciences not elsewhere classified

### Exclusions:

- Mathematics not associated with computer science is included in [Division 01 Mathematical Sciences](#).
- Cheminformatics is included in [Group 0304 Medicinal and Biomolecular Chemistry](#).
- The development of computer software, other than mathematics and bioinformatics software, which has applications to fields other than Division 08 Information and Computing Sciences is included in the appropriate divisions, e.g. computer modelling for atmospheric research is included in [Division 04 Earth Sciences](#); software development for forest management is included in [Division 07 Agricultural and Veterinary Sciences](#).
- Bioinformatics is included in [Group 0601 Biochemistry and Cell Biology](#).
- Mechatronics for automotive engineering are included in [Group 0902 Automotive Engineering](#).
- Signal processing and non-manufacturing robotics are included in [Group 0906 Electrical and Electronic Engineering](#).
- Geospatial information systems are included in [Group 0909 Geomatic Engineering](#).
- Manufacturing robotics, mechatronics (excluding automotive applications) and CAD/CAM systems are included in [Group 0910 Manufacturing Engineering](#).
- Communications technologies are included in [Group 1005 Communications Technologies](#).
- Development of computer hardware is included in [Group 1006 Computer Hardware](#).

- k) Health information systems, including surveillance, are included in [Group 1117 Public Health and Health Services](#).
- l) Business records and information management and business information systems are included in [Group 1503 Business and Management](#).
- m) Computer perception, memory and attention are included in [Group 1702 Cognitive Sciences](#).
- n) Computational linguistics is included in [Group 2004 Linguistics](#).
- o) Archival, repository and related studies is included in [Group 2102 Curatorial and Related Studies](#).
- p) History and philosophy of science is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers engineering.

This division has sixteen groups:

0901 Aerospace Engineering  
0902 Automotive Engineering  
0903 Biomedical Engineering  
0904 Chemical Engineering  
0905 Civil Engineering  
0906 Electrical and Electronic Engineering  
0907 Environmental Engineering  
0908 Food Sciences  
0909 Geomatic Engineering  
0910 Manufacturing Engineering  
0911 Maritime Engineering  
0912 Materials Engineering  
0913 Mechanical Engineering  
0914 Resources Engineering and Extractive Metallurgy  
0915 Interdisciplinary Engineering  
0999 Other Engineering

### Exclusions:

- Control theory is included in [Group 0102 Applied Mathematics](#).
- Physics, including space sciences, materials physics, optoelectronics and quantum electronics, is included [Division 02 Physical Sciences](#).

- c) Chemistry, including materials chemistry and the theory and design of materials, is included in [Division 03 Chemical Sciences](#).
- d) Earth sciences, including geophysics and hydrology, are included in [Division 04 Earth Sciences](#).
- e) Environmental science, including carbon sequestration science, is included in [Division 05 Environmental Sciences](#).
- f) Agricultural science, including agricultural hydrology and post-harvest packaging, transportation and storage of agricultural products, is included in [Division 07 Agricultural and Veterinary Sciences](#).
- g) Information and software engineering are included in [Division 08 Information and Computing Sciences](#).
- h) Biotechnology, nanotechnology and the development of computer hardware and communications technologies are included in [Division 10 Technology](#).
- i) Materials used in dentistry are included in [Group 1105 Dentistry](#).
- j) Human nutrition is included in [Group 1111 Nutrition and Dietetics](#).
- k) Architectural acoustics is included in [Group 1201 Architecture](#).
- l) Building science, construction management and quantity surveying are included in [Group 1202 Building](#).
- m) Engineering design, other than chemical, environmental, materials, satellite, missile and space vehicle is included in [Group 1204 Engineering Design](#).
- n) Transport planning is included in [Group 1205 Urban and Regional Planning](#).
- o) Technical writing is included in [Group 1903 Journalism and Professional Writing](#).
- p) History and philosophy of engineering is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

- [GROUP 0901 AEROSPACE ENGINEERING](#)
- [GROUP 0902 AUTOMOTIVE ENGINEERING](#)
- [GROUP 0903 BIOMEDICAL ENGINEERING](#)
- [GROUP 0904 CHEMICAL ENGINEERING](#)
- [GROUP 0905 CIVIL ENGINEERING](#)
- [GROUP 0906 ELECTRICAL AND ELECTRONIC ENGINEERING](#)
- [GROUP 0907 ENVIRONMENTAL ENGINEERING](#)
- [GROUP 0908 FOOD SCIENCES](#)
- [GROUP 0909 GEOMATIC ENGINEERING](#)
- [GROUP 0910 MANUFACTURING ENGINEERING](#)
- [GROUP 0911 MARITIME ENGINEERING](#)
- [GROUP 0912 MATERIALS ENGINEERING](#)
- [GROUP 0913 MECHANICAL ENGINEERING](#)
- [GROUP 0914 RESOURCES ENGINEERING AND EXTRACTIVE METALLURGY](#)
- [GROUP 0915 INTERDISCIPLINARY ENGINEERING](#)
- [GROUP 0999 OTHER ENGINEERING](#)

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This group covers aerospace engineering including avionics and aeronautical and astronomical engineering.

This group has nine fields:

090101 Aerodynamics (excl. Hypersonic Aerodynamics)  
090102 Aerospace Materials  
090103 Aerospace Structures  
090104 Aircraft Performance and Flight Control Systems  
090105 Avionics  
090106 Flight Dynamics  
090107 Hypersonic Propulsion and Hypersonic Aerodynamics  
090108 Satellite, Space Vehicle and Missile Design and Testing  
090199 Aerospace Engineering not elsewhere classified

### Exclusions:

- Space sciences are included in [Group 0201 Astronomical and Space Sciences](#).
- Transport engineering other than aerospace engineering is included in [Group 0905 Civil Engineering](#).
- Remote sensing is included in [Group 0909 Geomatic Engineering](#).
- Heat and mass transfer operations, fluidisation and fluid mechanics and turbulent flows are included in [Group 0915 Interdisciplinary Engineering](#).
- Satellite communications are included in [Group 1005 Communications Technologies](#).

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This group covers automotive engineering.

It includes:

- materials for automotive applications;
- automotive applications of mechatronics;
- automotive combustion and fuel engineering; and
- automotive safety engineering.

This group has six fields:

090201 Automotive Combustion and Fuel Engineering (incl. Alternative/Renewable Fuels)

090202 Automotive Engineering Materials

090203 Automotive Mechatronics

090204 Automotive Safety Engineering

090205 Hybrid Vehicles and Powertrains

090299 Automotive Engineering not elsewhere classified

### Exclusions:

a) Combustion and fuel engineering without automotive applications is included in [Group 0904 Chemical Engineering](#).

b) Transport engineering other than automotive engineering is included in [Group 0905 Civil Engineering](#).

c) Mechatronics without automotive applications is included in [Group 0910 Manufacturing Engineering](#).

d) Materials engineering without automotive applications is included in [Group 0912 Materials Engineering](#).

e) Fluidisation and fluid mechanics and turbulent flows are included in [Group 0915 Interdisciplinary Engineering](#).

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This group covers biomedical engineering.

It includes:

- development of implants and prosthetics;
- development of surgical equipment and medical instrumentation; and
- development of biomaterials.

This group has six fields:

090301 Biomaterials  
090302 Biomechanical Engineering  
090303 Biomedical Instrumentation  
090304 Medical Devices  
090305 Rehabilitation Engineering  
090399 Biomedical Engineering not elsewhere classified

### Exclusions:

- a) Medical biotechnology is included in [Group 1004 Medical Biotechnology](#).
- b) Other material sciences are included in Groups [0204 Condensed Matter Physics](#), [0302 Inorganic Chemistry](#), [0303 Macromolecular and Materials Chemistry](#), [0912 Materials Engineering](#), and [0914 Resources Engineering and Extractive Metallurgy](#).
- c) Materials used in dentistry are included in [Group 1105 Dentistry](#).

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This group covers chemical engineering.

It includes:

- design;
- membrane and separation technologies;
- process control and simulation other than that associated with control engineering; and
- water treatment.

This group has eleven fields:

090401 Carbon Capture Engineering (excl. Sequestration)

090402 Catalytic Process Engineering

090403 Chemical Engineering Design

090404 Membrane and Separation Technologies

090405 Non-automotive Combustion and Fuel Engineering (incl. Alternative/Renewable Fuels)

090406 Powder and Particle Technology

090407 Process Control and Simulation

090408 Rheology

090409 Wastewater Treatment Processes

090410 Water Treatment Processes

090499 Chemical Engineering not elsewhere classified

### Exclusions:

a) Chemistry is included in [Division 03 Chemical Sciences](#).

b) Carbon sequestration science is included in [Group 0503 Soil Sciences](#).

- c) Combustion and fuel engineering for automotive applications is included in [Group 0902 Automotive Engineering](#).
- d) Water resources and quality engineering are included in [Group 0905 Civil Engineering](#).
- e) Process control and simulation associated with control engineering are included in [Group 0913 Mechanical Engineering](#).
- f) Fluidisation and fluid mechanics and heat and mass transfer operations are included in [Group 0915 Interdisciplinary Engineering](#).
- g) Biocatalysis is includes in [Group 1003 Industrial Biotechnology](#).

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This group covers civil engineering.

It includes:

- structural engineering;
- transport engineering (other than aerospace, automotive and maritime engineering);
- water and sanitary engineering; and
- construction engineering.

This group has ten fields:

090501 Civil Geotechnical Engineering  
090502 Construction Engineering  
090503 Construction Materials  
090504 Earthquake Engineering  
090505 Infrastructure Engineering and Asset Management  
090506 Structural Engineering  
090507 Transport Engineering  
090508 Water Quality Engineering  
090509 Water Resources Engineering  
090599 Civil Engineering not elsewhere classified

### Exclusions:

- a) Hydrology other than agricultural hydrology is included in [Group 0406 Physical Geography and Environmental Geoscience](#).
- b) Agricultural hydrology is included in [Group 0799 Other Agricultural and Veterinary Sciences](#).

- c) Aerospace engineering is included in [Group 0901 Aerospace Engineering](#).
- d) Automotive engineering is included in [Group 0902 Automotive Engineering](#).
- e) Water treatment processes are included in [Group 0904 Chemical Engineering](#).
- f) Surveying is included in [Group 0909 Geomatic Engineering](#).
- g) Maritime engineering is included in [Group 0911 Maritime Engineering](#).
- h) Materials engineering without civil engineering applications is included in [Group 0912 Materials Engineering](#).
- i) Geotechnical engineering associated with mining and mineral extraction is included in [Group 0914 Resources Engineering and Extractive Metallurgy](#).
- j) Protection of infrastructure from climate change and environmental factors other than earthquakes is included in [Group 0915 Interdisciplinary Engineering](#).
- k) Agricultural engineering is included in [Group 0999 Other Engineering](#).
- l) Architectural acoustics is included in [Group 1201 Architecture](#).
- m) Building science, construction management and quantity surveying are included in [Group 1202 Building](#).
- n) Transport planning is included in [Group 1205 Urban and Regional Planning](#).

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This group covers electrical and electronic engineering, other than that associated with computer hardware and communication technologies. It includes signal processing.

This group has ten fields:

090601 Circuits and Systems

090602 Control Systems, Robotics and Automation

090603 Industrial Electronics

090604 Microelectronics and Integrated Circuits

090605 Photodetectors, Optical Sensors and Solar Cells

090606 Photonics and Electro-Optical Engineering (excl. Communications)

090607 Power and Energy Systems Engineering (excl. Renewable Power)

090608 Renewable Power and Energy Systems Engineering (excl. Solar Cells)

090609 Signal Processing

090699 Electrical and Electronic Engineering not elsewhere classified

### Exclusions:

a) Control theory is included in [Group 0102 Applied Mathematics](#).

b) Optoelectronics and quantum electronics are included in [Group 0205 Optical Physics](#).

c) Intelligent robotics is included in [Group 0801 Artificial Intelligence and Image Processing](#).

d) Robotics used in manufacturing is included in [Group 0910 Manufacturing Engineering](#).

e) Mechanical aspects of automation and control systems and energy generation, conversion and storage engineering are included in [Group 0913 Mechanical Engineering](#).

f) Electrical and electronic engineering associated with communications technologies are included in [Group](#)

[1005 Communications Technologies.](#)

g) Electrical and electronic engineering associated with computer hardware is included in [Group 1006 Computer Hardware.](#)

h) Molecular and organic electronics are included in [Group 1007 Nanotechnology.](#)

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This group covers environmental engineering.

This group has four fields:

090701 Environmental Engineering Design  
090702 Environmental Engineering Modelling  
090703 Environmental Technologies  
090799 Environmental Engineering not elsewhere classified

### Exclusions:

- a) Hydrology other than agricultural hydrology is included in [Group 0406 Physical Geography and Environmental Geoscience](#).
- b) Environmental science is included in [Division 05 Environmental Sciences](#).
- c) Agricultural hydrology is included in [Group 0799 Other Agricultural and Veterinary Sciences](#).
- d) Protection of infrastructure from climate change and other environmental factors is included in [Group 0915 Interdisciplinary Engineering](#).
- e) Environmental biotechnology, including bioremediation, is included in [Group 1002 Environmental Biotechnology](#).

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This group covers the food sciences.

It includes:

- food chemistry and engineering, including wine;
- food processing, packaging and safety; and
- nutritional content and balance of food.

This group has seven fields:

090801 Food Chemistry and Molecular Gastronomy (excl. Wine)

090802 Food Engineering

090803 Food Nutritional Balance

090804 Food Packaging, Preservation and Safety

090805 Food Processing

090806 Wine Chemistry and Wine Sensory Science

090899 Food Sciences not elsewhere classified

### Exclusions:

- a) Agricultural production is included in [Division 07 Agricultural and Veterinary Sciences](#).
- b) Fermentation for non-food products is included in [Group 1003 Industrial Biotechnology](#).
- c) Human nutrition is included in [Group 1111 Nutrition and Dietetics](#).

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This group covers geomatic engineering.

It includes:

- surveying, including hydrographic surveying;
- remote sensing;
- geospatial information systems; and
- navigation and cartography.

This group has seven fields:

090901 Cartography

090902 Geodesy

090903 Geospatial Information Systems

090904 Navigation and Position Fixing

090905 Photogrammetry and Remote Sensing

090906 Surveying (incl. Hydrographic Surveying)

090999 Geomatic Engineering not elsewhere classified

### Exclusions:

- a) Geophysics is included in [Group 0404 Geophysics](#).
- b) Antennas for use in remote sensing are included in [Group 1005 Communication Technologies](#).

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This group covers manufacturing engineering.

It includes:

- manufacturing robotics and mechatronics, other than their automotive applications;
- flexible manufacturing systems;
- computer-aided design and computer-aided manufacture, also known as CAD/CAM;
- precision engineering; and
- packaging, storage and transportation.

This group has thirteen fields:

091001 CAD/CAM Systems

091002 Flexible Manufacturing Systems

091003 Machine Tools

091004 Machining

091005 Manufacturing Management

091006 Manufacturing Processes and Technologies (excl. Textiles)

091007 Manufacturing Robotics and Mechatronics (excl. Automotive Mechatronics)

091008 Manufacturing Safety and Quality

091009 Microtechnology

091010 Packaging, Storage and Transportation (excl. Food and Agricultural Products)

091011 Precision Engineering

091012 Textile Technology

091099 Manufacturing Engineering not elsewhere classified

**Exclusions:**

- a) Post-harvest packaging, transportation and storage of agricultural products are included in [Division 07 Agricultural and Veterinary Sciences](#).
- b) Automotive engineering and automotive mechatronics are included in [Group 0902 Automotive Engineering](#).
- c) Membrane and separation technologies are included in [Group 0904 Chemical Engineering](#).
- d) Non-manufacturing applications of robotics are included in [Group 0906 Electrical and Electronic Engineering](#).
- e) Food packaging, preservation and safety are included in [Group 0908 Food Sciences](#).
- f) Heat and mass transfer operations, fluidisation and fluid mechanics and turbulent flows are included in [Group 0915 Interdisciplinary Engineering](#).
- g) Applications of biosensors to manufacturing are included in [Group 1003 Industrial Biotechnology](#).

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This group covers maritime engineering.

This group has seven fields:

091101 Marine Engineering  
091102 Naval Architecture  
091103 Ocean Engineering  
091104 Ship and Platform Hydrodynamics  
091105 Ship and Platform Structures  
091106 Special Vehicles  
091199 Maritime Engineering not elsewhere classified

### Exclusions:

- Transport engineering other than aerospace engineering is included in [Group 0905 Civil Engineering](#).
- Fluidisation and fluid mechanics and turbulent flows are included in [Group 0915 Interdisciplinary Engineering](#).

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This group covers materials engineering.

It includes:

- ceramics science and ceramics engineering;
- polymer and textiles engineering;
- composite and hybrid materials;
- physical metallurgy and alloy materials;
- functional materials; and
- semiconductor engineering.

This group has eleven fields:

091201 Ceramics

091202 Composite and Hybrid Materials

091203 Compound Semiconductors

091204 Elemental Semiconductors

091205 Functional Materials

091206 Glass

091207 Metals and Alloy Materials

091208 Organic Semiconductors

091209 Polymers and Plastics

091210 Timber, Pulp and Paper

091299 Materials Engineering not elsewhere classified

### Exclusions:

a) Materials physics is included in [Group 0204 Condensed Matter Physics](#).

- b) Materials chemistry, including the theory and design of materials, is included in [Group 0303 Macromolecular and Materials Chemistry](#).
- c) Engineering of materials for automotive applications are included in [Group 0902 Automotive Engineering](#).
- d) Biomaterials are included in [Group 0903 Biomedical Engineering](#).
- e) Powder and particle technology is included in [Group 0904 Chemical Engineering](#).
- f) Construction materials are included in [Group 0905 Civil Engineering](#).
- g) Extractive metallurgy is included in [Group 0914 Resource Engineering and Extractive Metallurgy](#).
- h) Nanomaterials, molecular and organic electronics and nanotechnology are included in [Group 1007 Nanotechnology](#).

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This group covers mechanical engineering.

It includes:

- acoustics, noise and vibration control;
- mechanical aspects of automation and control engineering; and
- energy generation, conversion and storage.

This group has ten fields:

091301 Acoustics and Noise Control (excl. Architectural Acoustics)  
091302 Automation and Control Engineering  
091303 Autonomous Vehicles  
091304 Dynamics, Vibration and Vibration Control  
091305 Energy Generation, Conversion and Storage Engineering  
091306 Microelectromechanical Systems (MEMS)  
091307 Numerical Modelling and Mechanical Characterisation  
091308 Solid Mechanics  
091309 Tribology  
091399 Mechanical Engineering not elsewhere classified

### Exclusions:

- a) Control theory is included in [Group 0102 Applied Mathematics](#).
- b) Electrical aspects of automation and control engineering and energy generation from solar cells are included in [Group 0906 Electrical and Electronic Engineering](#).
- c) Heat and mass transfer operations, fluidisation and fluid mechanics and turbulent flows are included in

[Group 0915 Interdisciplinary Engineering](#).

d) Nanoelectromechanical Systems (NEMS) are included in [Group 1007 Nanotechnology](#).

e) Architectural acoustics is included in [Group 1201 Architecture](#).

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This group covers resources engineering and extractive metallurgy.

It includes:

- mining engineering;
- mineral processing;
- petroleum and reservoir engineering; and
- geomechanics and geotechnical engineering associated with mining and mineral extraction.

This group has eight fields:

091401 Electrometallurgy  
091402 Geomechanics and Resources Geotechnical Engineering  
091403 Hydrometallurgy  
091404 Mineral Processing/Beneficiation  
091405 Mining Engineering  
091406 Petroleum and Reservoir Engineering  
091407 Pyrometallurgy  
091499 Resources Engineering and Extractive Metallurgy not elsewhere classified

### Exclusions:

- a) Earth sciences are included in [Division 04 Earth Sciences](#).
- b) Geotechnical engineering associated with civil engineering is included in [Group 0905 Civil Engineering](#).
- c) Physical metallurgy is included in [Group 0912 Materials Engineering](#).
- d) Uranium processing and enrichment is included in [Group 0915 Interdisciplinary Engineering](#).

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This group covers interdisciplinary engineering.

It includes:

- fluid mechanics and computational fluid dynamics;
- heat and mass transfer;
- engineering practice;
- engineering associated with the development of nuclear power and the nuclear fuel cycle;
- engineering associated with the mitigation of risk from climate change and other environmental factors;  
and
- turbulent flows.

This group has nine fields:

091501 Computational Fluid Dynamics  
091502 Computational Heat Transfer  
091503 Engineering Practice  
091504 Fluidisation and Fluid Mechanics  
091505 Heat and Mass Transfer Operations  
091506 Nuclear Engineering (incl. Fuel Enrichment and Waste Processing and Storage)  
091507 Risk Engineering (excl. Earthquake Engineering)  
091508 Turbulent Flows  
091599 Interdisciplinary Engineering not elsewhere classified

### Exclusions:

- a) Aerodynamics is included in [Group 0901 Aerospace Engineering](#).  
b) Earthquake engineering is included in [Group 0905 Civil Engineering](#).

- c) Environmental engineering is included in [Group 0907 Environmental Engineering](#).
- d) Nanotechnology is included in [Group 1007 Nanotechnology](#).

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This group covers engineering not elsewhere classified. It includes agricultural engineering and engineering instrumentation.

This group has three fields:

099901 Agricultural Engineering  
099902 Engineering Instrumentation  
099999 Engineering not elsewhere classified

### Exclusions:

- a) Control theory is included in [Group 0102 Applied Mathematics](#).
- b) Physics, including space sciences, materials physics, optoelectronics and quantum electronics, is included in [Division 02 Physical Sciences](#).
- c) Chemistry, including materials chemistry and the theory and design of materials, is included in [Division 03 Chemical Sciences](#).
- d) Earth sciences, including geophysics and hydrology, are included in [Division 04 Earth Sciences](#).
- e) Environmental science, including carbon sequestration science, is included in [Division 05 Environmental Sciences](#).
- f) Animal food, agricultural hydrology and post-harvest packaging, transportation and storage of agricultural products are included in [Division 07 Agricultural and Veterinary Sciences](#).
- g) Information and software engineering are included in [Division 08 Information and Computing Sciences](#).
- h) Biotechnology, nanotechnology and the development of computer hardware and communications technologies are included in [Division 10 Technology](#).

- i) Materials used in dentistry are included in [Group 1105 Dentistry](#).
- j) Human nutrition is included in [Group 1111 Nutrition and Dietetics](#).
- k) Architectural acoustics is included in [Group 1201 Architecture](#).
- l) Building science, construction management and quantity surveying are included in [Group 1202 Building](#).
- m) Engineering design, other than chemical, environmental, materials, satellite, missile and space vehicle is included in [Group 1204 Engineering Design](#).
- n) Transport planning is included in [Group 1205 Urban and Regional Planning](#).
- o) Technical writing is included in [Group 1903 Journalism and Professional Writing](#).
- p) History and philosophy of engineering is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers technology. For the purposes of this classification, technology R&D is defined as the application of science and engineering knowledge to the development of tools and techniques which have wide application in other fields of R&D and/or in society more generally.

It includes:

- biotechnology;
- communications technologies;
- computer hardware; and
- nanotechnology.

This division has eight groups:

1001 Agricultural Biotechnology  
1002 Environmental Biotechnology  
1003 Industrial Biotechnology  
1004 Medical Biotechnology  
1005 Communications Technologies  
1006 Computer Hardware  
1007 Nanotechnology  
1099 Other Technology

### Exclusions:

- a) Mathematics and statistics are included in [Division 01 Mathematical Sciences](#).
- b) Photonics, optoelectronics and optical communications are included in [Group 0205 Optical Physics](#).
- c) Quantum communication is included in [Group 0206 Quantum Physics](#).

- d) Nanochemistry is included in [Group 0303 Macromolecular and Materials Chemistry](#).
- e) Environmental science is included in [Division 05 Environmental Sciences](#).
- f) Improvement of plants and animals through selective breeding is included in [Division 07 Agricultural and Veterinary Sciences](#).
- g) Information technology not directly associated with computer hardware is included in [Division 08 Information and Computing Sciences](#).
- h) Engineering, including aerospace, biomedical and environmental engineering and remote sensing, is included in [Division 09 Engineering](#).
- i) Assisted reproduction technologies are included in [Group 1114 Paediatrics and Reproductive Medicine](#).
- j) Pharmacogenomics is included in [Group 1115 Pharmacology and Pharmaceutical Sciences](#).
- k) Ethical use of technology is included in [Group 2201 Applied Ethics](#).
- l) History and philosophy of technology is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 1001 AGRICULTURAL BIOTECHNOLOGY](#)  
[GROUP 1002 ENVIRONMENTAL BIOTECHNOLOGY](#)  
[GROUP 1003 INDUSTRIAL BIOTECHNOLOGY](#)  
[GROUP 1004 MEDICAL BIOTECHNOLOGY](#)  
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This group covers agricultural biotechnology.

It includes:

- marine biotechnology;
- genetic modification of plants and animals for agricultural production; and
- livestock cloning and transgenesis.

This group has ten fields:

100101 Agricultural Biotechnology Diagnostics (incl. Biosensors)

100102 Agricultural Marine Biotechnology

100103 Agricultural Molecular Engineering of Nucleic Acids and Proteins

100104 Genetically Modified Animals

100105 Genetically Modified Field Crops and Pasture

100106 Genetically Modified Horticulture Plants

100107 Genetically Modified Trees

100108 Livestock Cloning

100109 Transgenesis

100199 Agricultural Biotechnology not elsewhere classified

### Exclusions:

a) Improvement of plants and animals through selective breeding is included in [Division 07 Agricultural and Veterinary Sciences](#).

b) Genetic modification of plants, microbes or animals for environmental purposes and biological control of pests, diseases and exotics species is included in [Group 1002 Environmental Biotechnology](#).

c) Genetic modification of plants, microbes or animals for industrial purposes (other than agriculture) is included in [Group 1003 Industrial Biotechnology](#).

d) Genetic modification of plants, microbes or animals for medical purposes is included in [Group 1004 Medical Biotechnology](#).

e) Nanobiotechnology is included in [Group 1007 Nanotechnology](#).

f) Ethical use of biotechnology is included in [Group 2201 Applied Ethics](#).

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This group covers environmental biotechnology.

It includes:

- biodiscovery;
- biological control; and
- bioremediation.

This group has seven fields:

100201 Biodiscovery  
100202 Biological Control  
100203 Bioremediation  
100204 Environmental Biotechnology Diagnostics (incl. Biosensors)  
100205 Environmental Marine Biotechnology  
100206 Environmental Molecular Engineering of Nucleic Acids and Proteins  
100299 Environmental Biotechnology not elsewhere classified

### Exclusions:

- Environmental science is included in [Division 05 Environmental Sciences](#).
- Environmental engineering is included in [Group 0907 Environmental Engineering](#).
- Genetic modification of plants, microbes or animals for agricultural purposes is included in [Group 1001 Agricultural Biotechnology](#).
- Genetic modification of plants, microbes or animals for industrial purposes (other than agriculture) is included in [Group 1003 Industrial Biotechnology](#).
- Genetic modification of plants, microbes or animals for medical purposes is included in [Group 1004 Medical](#)

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[Biotechnology](#).

f) Nanobiotechnology is included in [Group 1007 Nanotechnology](#).

g) Ethical use of biotechnology is included in [Group 2201 Applied Ethics](#).

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This group covers industrial biotechnology.

It includes:

- biocatalysis;
- bioprocessing and bioproducts;
- fermentation other than for foodstuffs;
- biofeedstocks; and
- industrial biotechnology

This group has seven fields:

100301 Biocatalysis and Enzyme Technology  
100302 Bioprocessing, Bioproduction and Bioproducts  
100303 Fermentation  
100304 Industrial Biotechnology Diagnostics (incl. Biosensors)  
100305 Industrial Microbiology (incl. Biofeedstocks)  
100306 Industrial Molecular Engineering of Nucleic Acids and Proteins  
100399 Industrial Biotechnology not elsewhere classified

### Exclusions:

- a) Catalysis without a biological component is included in [Group 0904 Chemical Engineering](#).
- b) Fermentation for the production of foodstuffs is included in [Group 0908 Food Sciences](#).
- c) Genetic modification of plants, microbes or animals for agricultural purposes is included in [Group 1001 Agricultural Biotechnology](#).
- d) Genetic modification of plants, microbes or animals for environmental purposes is included in Group [1002](#)

[Environmental Biotechnology](#).

e) Genetic modification of plants, microbes or animals for medical purposes is included in [Group 1004 Medical Biotechnology](#).

f) Nanobiotechnology is included in [Group 1007 Nanotechnology](#).

g) Ethical use of biotechnology is included in [Group 2201 Applied Ethics](#).

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This group covers medical biotechnology.

This group has five fields:

- 100401 Gene and Molecular Therapy
- 100402 Medical Biotechnology Diagnostics (incl. Biosensors)
- 100403 Medical Molecular Engineering of Nucleic Acids and Proteins
- 100404 Regenerative Medicine (incl. Stem Cells and Tissue Engineering)
- 100499 Medical Biotechnology not elsewhere classified

### Exclusions:

- a) Biomaterials are included in [Group 0903 Biomedical Engineering](#).
- b) Genetic modification of plants, microbes or animals for agricultural purposes is included in [Group 1001 Agricultural Biotechnology](#).
- c) Genetic modification of plants, microbes or animals for environmental purposes is included in [Group 1002 Environmental Biotechnology](#).
- d) Genetic modification of plants, microbes or animals for industrial purposes is included in [Group 1003 Industrial Biotechnology](#).
- e) Nanomedicine and nanobiotechnology is included in [Group 1007 Nanotechnology](#).
- f) Medical biochemistry and metabolomics is included in [Group 1101 Medical Biochemistry and Metabolomics](#).
- g) Assisted reproduction technologies are included in [Group 1114 Paediatrics and Reproductive Medicine](#).
- h) Pharmacogenomics is included in [Group 1115 Pharmacology and Pharmaceutical Sciences](#).

i) Ethical use of biotechnology is included in [Group 2201 Applied Ethics](#).

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This group covers technologies supporting communication and communication systems.

It includes:

- communications networks and analysis;
- communication and broadcasting systems;
- digital systems, optical and photonic systems;
- antenna technology (including that used in remote sensing and satellites); and
- microwave and millimetrewave technology.

This group has eleven fields:

100501 Antennas and Propagation  
100502 Broadband and Modem Technology  
100503 Computer Communications Networks  
100504 Data Communications  
100505 Microwave and Millimetrewave Theory and Technology  
100506 Optical Fibre Communications  
100507 Optical Networks and Systems  
100508 Satellite Communications  
100509 Video Communications  
100510 Wireless Communications  
100599 Communications Technologies not elsewhere classified

### Exclusions:

- a) Photonics, optoelectronics and optical communications is included in [Group 0205 Optical Physics](#).  
b) Quantum communication is included in [Group 0206 Quantum Physics](#).

- c) Data encryption is included in [Group 0804 Data Format](#).
- d) Satellite and space vehicle design and testing is included in [Group 0901 Aerospace Engineering](#).
- e) Remote sensing is included in [Group 0909 Geomatic Engineering](#).

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This group covers the development of computer hardware.

It includes:

- development of physical components for personal computers, mainframes and computer peripherals;
- development of circuit boards and hardware assemblies of computing devices; and
- development of multiplexers, computer peripherals and computer accessories.

This group has seven fields:

100601 Arithmetic and Logic Structures  
100602 Input, Output and Data Devices  
100603 Logic Design  
100604 Memory Structures  
100605 Performance Evaluation; Testing and Simulation of Reliability  
100606 Processor Architectures  
100699 Computer Hardware not elsewhere classified

### Exclusions:

- a) Optoelectronics is included in [Group 0205 Optical Physics](#).
- b) Computer software development is included in [Group 0803 Computer Software](#).
- c) Integrated circuits developed for other devices are included in [Group 0906 Electrical and Electronic Engineering](#).
- d) Modems and computer communication networks are included in [Group 1005 Communications Technologies](#).

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This group covers nanotechnology.

It includes:

- molecular and organic electronics;
- nanobiotechnology;
- nanomedicine;
- nanoscale characterisation; and
- health and safety aspects of nanotechnology and nanotoxicology.

This group has fourteen fields:

100701 Environmental Nanotechnology  
100702 Molecular and Organic Electronics  
100703 Nanobiotechnology  
100704 Nanoelectromechanical Systems  
100705 Nanoelectronics  
100706 Nanofabrication, Growth and Self Assembly  
100707 Nanomanufacturing  
100708 Nanomaterials  
100709 Nanomedicine  
100710 Nanometrology  
100711 Nanophotonics  
100712 Nanoscale Characterisation  
100713 Nanotoxicology, Health and Safety  
100799 Nanotechnology not elsewhere classified

**Exclusions:**

- a) Nanochemistry is included in [Group 0303 Macromolecular and Materials Chemistry](#).
- b) Environmental science is included in [Division 05 Environmental Sciences](#).
- c) Materials engineering is included in [Group 0912 Materials Engineering](#).
- d) Microelectromechanical Systems (MEMS) are included in [Group 0913 Mechanical Engineering](#).
- e) Ethical use of nanotechnology is included in [Group 2201 Applied Ethics](#).

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This group covers technology not elsewhere classified.

This group has one field:

109999 Technology not elsewhere classified

### Exclusions:

- Mathematics and statistics are included in [Division 01 Mathematical Sciences](#).
- Photonics, optoelectronics and optical communications are included in [Group 0205 Optical Physics](#).
- Quantum communication is included in [Group 0206 Quantum Physics](#).
- Nanochemistry is included in [Group 0303 Macromolecular and Materials Chemistry](#).
- Environmental science is included in [Division 05 Environmental Sciences](#).
- Improvement of plants and animals through selective breeding is included in [Division 07 Agricultural and Veterinary Sciences](#).
- Information technology not directly associated with computer hardware is included in [Division 08 Information and Computing Sciences](#).
- Engineering, including aerospace, biomedical and environmental engineering and remote sensing, is included in [Division 09 Engineering](#).
- Assisted reproduction technologies are included in [Group 1114 Paediatrics and Reproductive Medicine](#).
- Pharmacogenomics is included in [Group 1115 Pharmacology and Pharmaceutical Sciences](#).
- Ethical use of technology is included in [Group 2201 Applied Ethics](#).
- History and philosophy of technology is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers the medical and health sciences.

This division has eighteen groups:

- 1101 Medical Biochemistry and Metabolomics
- 1102 Cardiorespiratory Medicine and Haematology
- 1103 Clinical Sciences
- 1104 Complementary and Alternative Medicine
- 1105 Dentistry
- 1106 Human Movement and Sports Science
- 1107 Immunology
- 1108 Medical Microbiology
- 1109 Neurosciences
- 1110 Nursing
- 1111 Nutrition and Dietetics
- 1112 Oncology and Carcinogenesis
- 1113 Ophthalmology and Optometry
- 1114 Paediatrics and Reproductive Medicine
- 1115 Pharmacology and Pharmaceutical Sciences
- 1116 Medical Physiology
- 1117 Public Health and Health Services
- 1199 Other Medical and Health Sciences

### Exclusions:

a) Medical physics, biophysics unrelated to humans and accelerators and other equipment for the production of radioisotopes for nuclear medicine are included in [Group 0299 Other Physical Sciences](#).

- b) Medicinal and biomolecular chemistry is included in [Group 0304 Medicinal and Biomolecular Chemistry](#).
- c) Biological sciences without application to human health and disease are included in the appropriate groups in [Division 06 Biological Sciences](#).
- d) Biological and life sciences associated with agricultural and veterinary studies are included in [Division 07 Agricultural and Veterinary Sciences](#).
- e) Health informatics is included in [Group 0807 Library and Information Studies](#).
- f) Biomedical engineering is included in [Group 0903 Biomedical Engineering](#).
- g) Nutritional content and balance of foods is included in [Group 0908 Food Sciences](#).
- h) Medical biotechnology is included in [Group 1004 Medical Biotechnology](#).
- i) Nanomedicine is included in [Group 1007 Nanotechnology](#).
- j) Ergonomics is included in [Group 1203 Design Practice and Management](#).
- k) Health economics is included in [Group 1402 Applied Economics](#).
- l) Demography is included in [Group 1603 Demography](#).
- m) Health policy is included in [Group 1605 Policy and Administration](#).
- n) Psychology, including biological psychology and sport and exercise psychology, is included in [Group 1701 Psychology](#).
- o) Neurocognitive patterns and neural networks are included in [Group 1702 Cognitive Sciences](#).
- p) Music therapy is included in [Group 1904 Performing Arts and Creative Writing](#).
- q) Human and animal bioethics and medical ethics are included in [Group 2201 Applied Ethics](#).
- r) History and philosophy of medicine is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

- [GROUP 1101 MEDICAL BIOCHEMISTRY AND METABOLOMICS](#)
- [GROUP 1102 CARDIORESPIRATORY MEDICINE AND HAEMATOLOGY](#)
- [GROUP 1103 CLINICAL SCIENCES](#)
- [GROUP 1104 COMPLEMENTARY AND ALTERNATIVE MEDICINE](#)
- [GROUP 1105 DENTISTRY](#)
- [GROUP 1106 HUMAN MOVEMENT AND SPORTS SCIENCE](#)
- [GROUP 1107 IMMUNOLOGY](#)
- [GROUP 1108 MEDICAL MICROBIOLOGY](#)
- [GROUP 1109 NEUROSCIENCES](#)
- [GROUP 1110 NURSING](#)
- [GROUP 1111 NUTRITION AND DIETETICS](#)
- [GROUP 1112 ONCOLOGY AND CARCINOGENESIS](#)
- [GROUP 1113 OPHTHALMOLOGY AND OPTOMETRY](#)
- [GROUP 1114 PAEDIATRICS AND REPRODUCTIVE MEDICINE](#)
- [GROUP 1115 PHARMACOLOGY AND PHARMACEUTICAL SCIENCES](#)

[GROUP 1116 MEDICAL PHYSIOLOGY](#)

[GROUP 1117 PUBLIC HEALTH AND HEALTH SERVICES](#)

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This group covers human biochemistry or the chemistry of human living organisms and the human life process. It includes proteomics, metabolomics and metabolic medicine.

This group has eight fields:

110101 Medical Biochemistry: Amino Acids and Metabolites

110102 Medical Biochemistry: Carbohydrates

110103 Medical Biochemistry: Inorganic Elements and Compounds

110104 Medical Biochemistry: Lipids

110105 Medical Biochemistry: Nucleic Acids

110106 Medical Biochemistry: Proteins and Peptides (incl. Medical Proteomics)

110107 Metabolic Medicine

110199 Medical Biochemistry and Metabolomics not elsewhere classified

### Exclusions:

a) Medicinal and biomolecular chemistry is included in [Group 0304 Medicinal and Biomolecular Chemistry](#).

b) Biochemistry of species other than human or non-agricultural plant and biochemistry not related to medicine or health are included in [Group 0601 Biochemistry and Cell Biology](#).

c) Biochemistry of agricultural plants is included in Groups [0703 Crop and Pasture Production](#) and [0706 Horticultural Production](#).

d) Clinical chemistry and hormonal control of metabolism is included in [Group 1103 Clinical Sciences](#).

e) Nutrition and dietetics is included in [Group 1111 Nutrition and Dietetics](#).

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This group covers cardiorespiratory medicine and haematology.

This group has four fields:

110201 Cardiology (incl. Cardiovascular Diseases)

110202 Haematology

110203 Respiratory Diseases

110299 Cardiorespiratory Medicine and Haematology not elsewhere classified

### Exclusions:

a) Pathology is included in [Group 1103 Clinical Sciences](#).

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This group covers specific clinical aspects of medicine, including causes, diagnosis, treatment and management of specific diseases and conditions.

This group has twenty-five fields:

- 110301 Anaesthesiology
- 110302 Clinical Chemistry (diagnostics)
- 110303 Clinical Microbiology
- 110304 Dermatology
- 110305 Emergency Medicine
- 110306 Endocrinology
- 110307 Gastroenterology and Hepatology
- 110308 Geriatrics and Gerontology
- 110309 Infectious Diseases
- 110310 Intensive Care
- 110311 Medical Genetics (excl. Cancer Genetics)
- 110312 Nephrology and Urology
- 110313 Nuclear Medicine
- 110314 Orthopaedics
- 110315 Otorhinolaryngology
- 110316 Pathology (excl. Oral Pathology)
- 110317 Physiotherapy
- 110318 Podiatry
- 110319 Psychiatry (incl. Psychotherapy)
- 110320 Radiology and Organ Imaging

110321 Rehabilitation and Therapy (excl. Physiotherapy)  
110322 Rheumatology and Arthritis  
110323 Surgery  
110324 Venereology  
110399 Clinical Sciences not elsewhere classified

**Exclusions:**

- a) Accelerators and other equipment for the production of radioisotopes for nuclear medicine are included in [Group 0299 Other Physical Sciences](#).
- b) Anthropological genetics is included in [Group 0604 Genetics](#).
- c) Medical biochemistry, cardiovascular medicine, dentistry, immunology, medical microbiology, neurosciences, oncology, ophthalmology, paediatrics, pharmacology and medical physiology are included in other groups in [Division 11 Medical and Health Sciences](#).
- d) Oral pathology is included in [Group 1105 Dentistry](#).
- e) Radiotherapy and cancer genetics is included in [Group 1112 Oncology and Carcinogenesis](#).
- f) Psychology is included in [Group 1701 Psychology](#).

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This group covers complementary and alternative medicine.

This group has six fields:

110401 Chiropractic

110402 Naturopathy

110403 Traditional Aboriginal and Torres Strait Islander Medicine and Treatments

110404 Traditional Chinese Medicine and Treatments

110405 Traditional Maori Medicine and Treatments

110499 Complementary and Alternative Medicine not elsewhere classified

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This group covers dentistry.

This group has ten fields:

- 110501 Dental Materials and Equipment
- 110502 Dental Therapeutics, Pharmacology and Toxicology
- 110503 Endodontics
- 110504 Oral and Maxillofacial Surgery
- 110505 Oral Medicine and Pathology
- 110506 Orthodontics and Dentofacial Orthopaedics
- 110507 Paedodontics
- 110508 Periodontics
- 110509 Special Needs Dentistry
- 110599 Dentistry not elsewhere classified

### Exclusions:

- a) Biomaterials not solely restricted to dental use are included in [Group 0903 Biomedical Engineering](#).

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This group covers human movement and sports science.

This group has five fields:

110601 Biomechanics

110602 Exercise Physiology

110603 Motor Control

110604 Sports Medicine

110699 Human Movement and Sports Science not elsewhere classified

### Exclusions:

a) Sports nutrition is included in [Group 1111 Nutrition and Dietetics](#).

b) Human physiology unrelated to sport and exercise physiology is included in [Group 1116 Medical Physiology](#).

c) Sport and exercise psychology is included in [Group 1701 Psychology](#).

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This group covers the processes and reactions of the human immune system.

This group has ten fields:

- 110701 Allergy
- 110702 Applied Immunology (incl. Antibody Engineering, Xenotransplantation and T-cell Therapies)
- 110703 Autoimmunity
- 110704 Cellular Immunology
- 110705 Humoural Immunology and Immunochemistry
- 110706 Immunogenetics (incl. Genetic Immunology)
- 110707 Innate Immunity
- 110708 Transplantation Immunology
- 110709 Tumour Immunology
- 110799 Immunology not elsewhere classified

### Exclusions:

- a) Specific human disorders or diseases are included in [Group 1103 Clinical Sciences](#).

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This group covers microbiology associated with human health and disease, other than clinical microbiology.

This group has five fields:

- 110801 Medical Bacteriology
- 110802 Medical Infection Agents (incl. Prions)
- 110803 Medical Parasitology
- 110804 Medical Virology
- 110899 Medical Microbiology not elsewhere classified

### Exclusions:

- a) Microbiology unrelated to human medicine is included in [Group 0605 Microbiology](#).
- b) Microbiology related to veterinary practice is included in [Group 0707 Veterinary Sciences](#).
- c) Clinical microbiology is included in [Group 1103 Clinical Sciences](#).

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This group covers processes and reactions of the human nervous system. It includes neurology and neuromuscular disease.

This group has seven fields:

110901 Autonomic Nervous System  
110902 Cellular Nervous System  
110903 Central Nervous System  
110904 Neurology and Neuromuscular Diseases  
110905 Peripheral Nervous System  
110906 Sensory Systems  
110999 Neurosciences not elsewhere classified

### Exclusions:

- a) Psychiatry and psychotherapy are included in [Group 1103 Clinical Sciences](#).
- b) Biological psychology is included in [Group 1701 Psychology](#).
- c) Neurocognitive patterns and neural networks are included in [Group 1702 Cognitive Sciences](#).

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This group covers nursing.

This group has seven fields:

111001 Aged Care Nursing  
111002 Clinical Nursing: Primary (Preventative)  
111003 Clinical Nursing: Secondary (Acute Care)  
111004 Clinical Nursing: Tertiary (Rehabilitative)  
111005 Mental Health Nursing  
111006 Midwifery  
111099 Nursing not elsewhere classified

### Exclusions:

a) Public health, including aged, disabled, family and residential client care, is included in [Group 1117 Public Health and Health Services](#).

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This group covers nutrition and dietetics.

This group has five fields:

- 111101 Clinical and Sports Nutrition
- 111102 Dietetics and Nutrigenomics
- 111103 Nutritional Physiology
- 111104 Public Nutrition Intervention
- 111199 Nutrition and Dietetics not elsewhere classified

### Exclusions:

- a) Nutritional content and balance of foods is included in [Group 0908 Food Sciences](#).
- b) Metabolism is included in [Group 1101 Medical Biochemistry and Metabolomics](#).

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This group covers oncology and carcinogenesis.

It includes:

- cancer cell biology;
- cancer diagnosis; and
- cancer therapy.

This group has ten fields:

111201 Cancer Cell Biology  
111202 Cancer Diagnosis  
111203 Cancer Genetics  
111204 Cancer Therapy (excl. Chemotherapy and Radiation Therapy)  
111205 Chemotherapy  
111206 Haematological Tumours  
111207 Molecular Targets  
111208 Radiation Therapy  
111209 Solid Tumours  
111299 Oncology and Carcinogenesis not elsewhere classified

### Exclusions:

- a) Accelerators and other equipment for the production of radiation or radioisotopes for radiation therapy are included in [Group 0299 Other Physical Sciences](#).
- b) Medical genetics other than cancer genetics is included in [Group 1103 Clinical Sciences](#).
- c) Tumour immunology is included in [Group 1107 Immunology](#).

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This group covers ophthalmology and optometry.

This group has four fields:

111301 Ophthalmology

111302 Optical Technology

111303 Vision Science

111399 Ophthalmology and Optometry not elsewhere classified

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This group covers paediatrics and reproductive medicine.

It includes:

- assisted reproduction;
- foetal development and medicine; and
- obstetrics and gynaecology.

This group has five fields:

111401 Foetal Development and Medicine

111402 Obstetrics and Gynaecology

111403 Paediatrics

111404 Reproduction

111499 Paediatrics and Reproductive Medicine not elsewhere classified

### Exclusions:

a) Stem cells and tissue engineering are included in [Group 1004 Medical Biotechnology](#).

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This group covers the preparation, properties, uses and actions of drugs for medical uses. It includes pharmacogenomics.

This group has seven fields:

- 111501 Basic Pharmacology
- 111502 Clinical Pharmacology and Therapeutics
- 111503 Clinical Pharmacy and Pharmacy Practice
- 111504 Pharmaceutical Sciences
- 111505 Pharmacogenomics
- 111506 Toxicology (incl. Clinical Toxicology)
- 111599 Pharmacology and Pharmaceutical Sciences not elsewhere classified

### Exclusions:

- a) Medicinal chemistry is included in [Group 0304 Medicinal and Biomolecular Chemistry](#).
- b) Pharmacology for veterinary use is included in [Group 0707 Veterinary Sciences](#).
- c) Dental therapeutics, pharmacology and toxicology are included in [Group 1105 Dentistry](#).

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This group covers the processes and function of the human body or the physical and chemical processes involved in the functioning of the human body and its component parts.

This group has four fields:

111601 Cell Physiology

111602 Human Biophysics

111603 Systems Physiology

111699 Medical Physiology not elsewhere classified

### Exclusions:

a) Medical physics and biophysics unrelated to humans are included in [Group 0299 Other Physical Sciences](#).

b) Basic animal physiology and comparative physiology are included in [Group 0606 Physiology](#).

c) Physiology related to specific aspects of plant or animal production or veterinary practice is included in the appropriate groups in [Division 07 Agricultural and Veterinary Sciences](#).

d) Exercise physiology is included in [Group 1106 Human Movement and Sports Science](#).

e) Nutritional physiology is included in [Group 1111 Nutrition and Dietetics](#).

f) Physiological psychology is included in [Group 1701 Psychology](#).

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This group covers the non-clinical aspects (e.g. statistical, administration, program evaluation, impact of lifestyle) of health and health care and the provision, administration and evaluation of health care services.

This group has nineteen fields:

- 111701 Aboriginal and Torres Strait Islander Health
- 111702 Aged Health Care
- 111703 Care for Disabled
- 111704 Community Child Health
- 111705 Environmental and Occupational Health and Safety
- 111706 Epidemiology
- 111707 Family Care
- 111708 Health and Community Services
- 111709 Health Care Administration
- 111710 Health Counselling
- 111711 Health Information Systems (incl. Surveillance)
- 111712 Health Promotion
- 111713 Maori Health
- 111714 Mental Health
- 111715 Pacific Peoples Health
- 111716 Preventive Medicine
- 111717 Primary Health Care
- 111718 Residential Client Care
- 111799 Public Health and Health Services not elsewhere classified

**Exclusions:**

- a) Health informatics is included in [Group 0807 Library and Information Studies](#).
- b) Nursing is included in [Group 1110 Nursing](#).
- c) Nutrition and public nutrition intervention is included in [Group 1111 Nutrition and Dietetics](#).
- d) Health economics is included in [Group 1402 Applied Economics](#).
- e) Demography is included in [Group 1603 Demography](#).
- f) Health policy is included in [Group 1605 Policy and Administration](#).
- g) Human bioethics and medical ethics are included in [Group 2201 Applied Ethics](#).

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This group covers medical and health sciences not elsewhere classified.

This group has one field:

119999 Medical and Health Sciences not elsewhere classified

### Exclusions:

- a) Medical physics, biophysics unrelated to humans and accelerators and other equipment for the production of radioisotopes for nuclear medicine are included in [Group 0299 Other Physical Sciences](#).
- b) Medicinal and biomolecular chemistry is included in [Group 0304 Medicinal and Biomolecular Chemistry](#).
- c) Biological sciences without application to human health and disease are included in the appropriate groups in [Division 06 Biological Sciences](#).
- d) Biological and life sciences associated with agricultural and veterinary studies are included in [Division 07 Agricultural and Veterinary Sciences](#).
- e) Health informatics is included in [Group 0807 Library and Information Studies](#).
- f) Biomedical engineering is included in [Group 0903 Biomedical Engineering](#).
- g) Nutritional content and balance of foods is included in [Group 0908 Food Sciences](#).
- h) Medical biotechnology is included in [Group 1004 Medical Biotechnology](#).
- i) Nanomedicine is included in [Group 1007 Nanotechnology](#).
- j) Ergonomics is included in [Group 1203 Design Practice and Management](#).
- k) Health economics is included in [Group 1402 Applied Economics](#).
- l) Demography is included in [Group 1603 Demography](#).

- m) Health policy is included in [Group 1605 Policy and Administration](#).
- n) Psychology, including biological psychology and sport and exercise psychology, is included in [Group 1701 Psychology](#).
- o) Neurocognitive patterns and neural networks are included in [Group 1702 Cognitive Sciences](#).
- p) Music therapy is included in [Group 1904 Performing Arts and Creative Writing](#).
- q) Human and animal bioethics and medical ethics are included in [Group 2201 Applied Ethics](#).
- r) History and philosophy of medicine is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers built environment and design.

It includes:

- architecture;
- building;
- design from both engineering and aesthetic perspectives; and
- urban and regional planning.

This division has six groups:

1201 Architecture

1202 Building

1203 Design Practice and Management

1204 Engineering Design

1205 Urban and Regional Planning

1299 Other Built Environment and Design

### Exclusions:

- Management of parks in natural environments is included in [Group 0502 Environmental Science and Management](#).
- Agricultural land use and planning is included in [Group 0701 Agriculture, Land and Farm Management](#).
- Satellite, space vehicle and missile design are included in [Group 0901 Aerospace Engineering](#).
- Chemical engineering design is included in [Group 0904 Chemical Engineering](#).
- Civil engineering, including construction materials and transport engineering is included in [Group 0905 Civil Engineering](#).

- f) Environmental engineering design is included in [Group 0907 Environmental Engineering](#).
- g) Surveying is included in [Group 0909 Geomatic Engineering](#).
- h) Urban and regional studies other than planning are included in [Group 1604 Human Geography](#).
- i) Urban policy is included in [Group 1605 Policy and Administration](#).
- j) Fine arts are included in [Group 1905 Visual Arts and Crafts](#).

This section contains the following subsection :

[GROUP 1201 ARCHITECTURE](#)

[GROUP 1202 BUILDING](#)

[GROUP 1203 DESIGN PRACTICE AND MANAGEMENT](#)

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This group covers architecture.

This group has eight fields:

120101 Architectural Design

120102 Architectural Heritage and Conservation

120103 Architectural History and Theory

120104 Architectural Science and Technology (incl. Acoustics, Lighting, Structure and Ecologically Sustainable Design)

120105 Architecture Management

120106 Interior Design

120107 Landscape Architecture

120199 Architecture not elsewhere classified

### Exclusions:

a) Construction and structural engineering are included in [Group 0905 Civil Engineering](#).

b) Building is included in [Group 1202 Building](#).

c) History and theory of the built environment other than architectural history and theory is included in [Group 1205 Urban and Regional Planning](#).

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This group covers building.

This group has four fields:

120201 Building Construction Management and Project Planning

120202 Building Science and Techniques

120203 Quantity Surveying

120299 Building not elsewhere classified

### Exclusions:

a) Civil engineering, including construction materials and engineering and transport engineering is included in

[Group 0905 Civil Engineering](#).

b) Surveying is included in [Group 0909 Geomatic Engineering](#).

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This group covers design practice and management.

It includes:

- design history and theory;
- ergonomics;
- industrial design;
- digital and interaction design;
- textile and fashion design; and
- visual communication and graphics design.

This group has eight fields:

120301 Design History and Theory  
120302 Design Innovation  
120303 Design Management and Studio and Professional Practice  
120304 Digital and Interaction Design  
120305 Industrial Design  
120306 Textile and Fashion Design  
120307 Visual Communication Design (incl. Graphic Design)  
120399 Design Practice and Management not elsewhere classified

### Exclusions:

- a) Architectural design and architectural history is included in [Group 1201 Architecture](#).  
b) Engineering design is included in [Group 1204 Engineering Design](#).

c) Fine arts are included in [Group 1905 Visual Arts and Crafts](#).

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This group covers engineering design.

This group has six fields:

120401 Engineering Design Empirical Studies  
120402 Engineering Design Knowledge  
120403 Engineering Design Methods  
120404 Engineering Systems Design  
120405 Models of Engineering Design  
120499 Engineering Design not elsewhere classified

### Exclusions:

- a) Satellite, space vehicle and missile design are included in [Group 0901 Aerospace Engineering](#).
- b) Chemical engineering design is included in [Group 0904 Chemical Engineering](#).
- c) Environmental engineering design is included in [Group 0907 Environmental Engineering](#).
- d) Industrial design is included in [Group 1203 Design Practice and Management](#).

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This group covers urban and regional planning.

It includes:

- community planning;
- management and development of housing markets;
- urban and regional analysis and development;
- transport planning; and
- urban design.

This group has nine fields:

120501 Community Planning  
120502 History and Theory of the Built Environment (excl. Architecture)  
120503 Housing Markets, Development, Management  
120504 Land Use and Environmental Planning  
120505 Regional Analysis and Development  
120506 Transport Planning  
120507 Urban Analysis and Development  
120508 Urban Design  
120599 Urban and Regional Planning not elsewhere classified

### Exclusions:

- a) Management of parks in natural environments is included in [Group 0502 Environmental Science and Management](#).
- b) Agricultural land use and planning is included in [Group 0701 Agriculture, Land and Farm Management](#).

- c) Transport engineering is included in [Group 0905 Civil Engineering](#).
- d) Architectural history and theory are included in [Group 1201 Architecture](#).
- e) Urban and regional studies other than planning are included in [Group 1604 Human Geography](#).
- f) Urban policy is included in [Group 1605 Policy and Administration](#).

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This group covers built environment and design not elsewhere classified.

This group has one field:

129999 Built Environment and Design not elsewhere classified

### Exclusions:

- a) Management of parks in natural environments is included in [Group 0502 Environmental Science and Management](#).
- b) Agricultural land use and planning is included in [Group 0701 Agriculture, Land and Farm Management](#).
- c) Satellite, space vehicle and missile design are included in [Group 0901 Aerospace Engineering](#).
- d) Chemical engineering design is included in [Group 0904 Chemical Engineering](#).
- e) Civil engineering, including construction materials and transport engineering is included in [Group 0905 Civil Engineering](#).
- f) Environmental engineering design is included in [Group 0907 Environmental Engineering](#).
- g) Surveying is included in [Group 0909 Geomatic Engineering](#).
- h) Urban and regional studies other than planning are included in [Group 1604 Human Geography](#).
- i) Urban policy is included in [Group 1605 Policy and Administration](#).
- j) Fine arts are included in [Group 1905 Visual Arts and Crafts](#).

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This division covers education.

It includes:

- education systems;
- curriculum and pedagogy; and
- specialist education studies.

This division has four groups:

1301 Education Systems  
1302 Curriculum and Pedagogy  
1303 Specialist Studies in Education  
1399 Other Education

### Exclusions:

- a) Economics of education are included in [Group 1402 Applied Economics](#).
- b) Education policy is included in [Group 1605 Policy and Administration](#).
- c) Sociology of education is included in [Group 1608 Sociology](#).
- d) Educational psychology is included in [Group 1701 Psychology](#).
- e) Educational linguistics is included in [Group 2004 Linguistics](#).
- f) History and philosophy of education is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 1301 EDUCATION SYSTEMS](#)

[GROUP 1302 CURRICULUM AND PEDAGOGY](#)

[GROUP 1303 SPECIALIST STUDIES IN EDUCATION](#)

[GROUP 1399 OTHER EDUCATION](#)

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This group covers systems for the delivery of education services.

This group has nine fields:

- 130101 Continuing and Community Education
- 130102 Early Childhood Education (excl. Maori)
- 130103 Higher Education
- 130104 Kura Kaupapa Maori (Maori Primary Education)
- 130105 Primary Education (excl. Maori)
- 130106 Secondary Education
- 130107 Te Whariki (Maori Early Childhood Education)
- 130108 Technical, Further and Workplace Education
- 130199 Education systems not elsewhere classified

### Exclusions:

a) Educational administration and special education and disability are included in [Group 1303 Specialist Studies in Education](#).

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This group covers curriculum and pedagogy, including its theory and development.

This group has fourteen fields:

130201 Creative Arts, Media and Communication Curriculum and Pedagogy

130202 Curriculum and Pedagogy Theory and Development

130203 Economics, Business and Management Curriculum and Pedagogy

130204 English and Literacy Curriculum and Pedagogy (excl. LOTE, ESL and TESOL)

130205 Humanities and Social Sciences Curriculum and Pedagogy (excl. Economics, Business and Management)

130206 Kohanga Reo (Maori Language Curriculum and Pedagogy)

130207 LOTE, ESL and TESOL Curriculum and Pedagogy (excl. Maori)

130208 Mathematics and Numeracy Curriculum and Pedagogy

130209 Medicine, Nursing and Health Curriculum and Pedagogy

130210 Physical Education and Development Curriculum and Pedagogy

130211 Religion Curriculum and Pedagogy

130212 Science, Technology and Engineering Curriculum and Pedagogy

130213 Vocational Education and Training Curriculum and Pedagogy

130299 Curriculum and Pedagogy not elsewhere classified

### Exclusions:

a) Teacher education and the professional development of educators are included in [Group 1303 Specialist Studies in Education](#).

b) Educational linguistics is included in [Group 2004 Linguistics](#).

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This group covers specialist studies in education.

It includes:

- educational issues related to specific ethnic groups;
- education assessment and evaluation;
- educational technology;
- learning sciences;
- special education; and
- teacher education and professional development of educators.

This group has fourteen fields:

130301 Aboriginal and Torres Strait Islander Education  
130302 Comparative and Cross-Cultural Education  
130303 Education Assessment and Evaluation  
130304 Educational Administration, Management and Leadership  
130305 Educational Counselling  
130306 Educational Technology and Computing  
130307 Ethnic Education (excl. Aboriginal and Torres Strait Islander, Maori and Pacific Peoples)  
130308 Gender, Sexuality and Education  
130309 Learning Sciences  
130310 Maori Education (excl. Early Childhood and Primary Education)  
130311 Pacific Peoples Education  
130312 Special Education and Disability  
130313 Teacher Education and Professional Development of Educators

130399 Specialist Studies in Education not elsewhere classified

**Exclusions:**

- a) Education systems, including Maori primary and early childhood education, are included in [Group 1301 Education Systems](#).
- b) Curriculum and pedagogy relating to specific subject areas is included in [Group 1302 Curriculum and Pedagogy](#).
- c) Economics of education are included in [Group 1402 Applied Economics](#).
- d) Education policy is included in [Group 1605 Policy and Administration](#).
- e) Sociology of education is included in [Group 1608 Sociology](#).
- f) Educational psychology is included in [Group 1701 Psychology](#).
- g) Educational linguistics is included in [Group 2004 Linguistics](#).
- h) History and philosophy of education is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This group covers education not elsewhere classified.

This group has one field:

139999 Education not elsewhere classified

### Exclusions:

- a) Economics of education are included in [Group 1402 Applied Economics](#).
- b) Education policy is included in [Group 1605 Policy and Administration](#).
- c) Sociology of education is included in [Group 1608 Sociology](#).
- d) Educational psychology is included in [Group 1701 Psychology](#).
- e) Educational linguistics is included in [Group 2004 Linguistics](#).
- f) History and philosophy of education is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers economics.

This division has four groups:

1401 Economic Theory

1402 Applied Economics

1403 Econometrics

1499 Other Economics

### Exclusions:

- a) Taxation accounting is included in [Group 1501 Accounting, Auditing and Accountability](#).
- b) Financial econometrics is included in [Group 1502 Banking, Finance and Investment](#).
- c) Economic geography is included in [Group 1604 Human Geography](#).
- d) Economic development policy is included in [Group 1605 Policy and Administration](#).
- e) Taxation law is included in [Group 1801 Law](#).
- f) History and philosophy of economics is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 1401 ECONOMIC THEORY](#)

[GROUP 1402 APPLIED ECONOMICS](#)

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This group covers economic theory. It includes history of economic thought.

This group has five fields:

140101 History of Economic Thought

140102 Macroeconomic Theory

140103 Mathematical Economics

140104 Microeconomic Theory

140199 Economic Theory not elsewhere classified

### Exclusions:

a) History and philosophy of economics is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This group covers applied economics.

This group has twenty fields:

- 140201 Agricultural Economics
- 140202 Economic Development and Growth
- 140203 Economic History
- 140204 Economics of Education
- 140205 Environment and Resource Economics
- 140206 Experimental Economics
- 140207 Financial Economics
- 140208 Health Economics
- 140209 Industry Economics and Industrial Organisation
- 140210 International Economics and International Finance
- 140211 Labour Economics
- 140212 Macroeconomics (incl. Monetary and Fiscal Theory)
- 140213 Public Economics- Public Choice
- 140214 Public Economics- Publically Provided Goods
- 140215 Public Economics- Taxation and Revenue
- 140216 Tourism Economics
- 140217 Transport Economics
- 140218 Urban and Regional Economics
- 140219 Welfare Economics
- 140299 Applied Economics not elsewhere classified

**Exclusions:**

- a) Taxation accounting is included in [Group 1501 Accounting, Auditing and Accountability](#).
- b) Economic geography is included in [Group 1604 Human Geography](#).
- c) Taxation law is included in [Group 1801 Law](#).

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This group covers econometrics.

It includes:

- time-series analysis;
- cross-sectional analysis; and
- panel data analysis.

This group has six fields:

140301 Cross-Sectional Analysis  
140302 Econometric and Statistical Methods  
140303 Economic Models and Forecasting  
140304 Panel Data Analysis  
140305 Time-Series Analysis  
140399 Econometrics not elsewhere classified

### Exclusions:

a) Financial econometrics is included in [Group 1502 Banking, Finance and Investment](#).

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This group covers economics not elsewhere classified.

It includes:

- comparative economics systems;
- ecological economics; and
- heterodox economics.

This group has four fields:

149901 Comparative Economic Systems  
149902 Ecological Economics  
149903 Heterodox Economics  
149999 Economics not elsewhere classified

### Exclusions:

- a) Taxation accounting is included in [Group 1501 Accounting, Auditing and Accountability](#).
- b) Financial econometrics is included in [Group 1502 Banking, Finance and Investment](#).
- c) Economic geography is included in [Group 1604 Human Geography](#).
- d) Economic development policy is included in [Group 1605 Policy and Administration](#).
- e) Taxation law is included in [Group 1801 Law](#).
- f) History and philosophy of economics is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers commerce, management, tourism and services.

This division has eight groups:

- 1501 Accounting, Auditing and Accountability
- 1502 Banking, Finance and Investment
- 1503 Business and Management
- 1504 Commercial Services
- 1505 Marketing
- 1506 Tourism
- 1507 Transportation and Freight Services
- 1599 Other Commerce, Management, Tourism and Services

### Exclusions:

- a) Financial mathematics is included in [Group 0102 Applied Mathematics](#).
- b) Farm management, rural management and agribusiness are included in [Group 0701 Agriculture, Land and Farm Management](#).
- c) Non-business information systems are included in [Group 0806 Information Systems](#).
- d) Transport engineering is included in [Group 0905 Civil Engineering](#).
- e) Transport planning is included in [Group 1205 Urban and Regional Planning](#).
- f) The economics of taxation are included in [Group 1402 Applied Economics](#).
- g) Econometrics other than financial econometrics is included in [Group 1403 Econometrics](#).
- h) Private policing and security services are included in [Group 1602 Criminology](#).
- i) Demography is included in [Group 1603 Demography](#).

- j) Taxation law is included in [Group 1801 Law](#).
- k) Social impacts of marketing are included in [Group 2001 Communication and Media Studies](#).
- l) Cultural impacts of marketing are included in [Group 2002 Cultural Studies](#).
- m) Business ethics is included in [Group 2201 Applied Ethics](#).
- n) Business and labour history is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 1501 ACCOUNTING, AUDITING AND ACCOUNTABILITY](#)

[GROUP 1502 BANKING, FINANCE AND INVESTMENT](#)

[GROUP 1503 BUSINESS AND MANAGEMENT](#)

[GROUP 1504 COMMERCIAL SERVICES](#)

[GROUP 1505 MARKETING](#)

[GROUP 1506 TOURISM](#)

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This group covers accounting, auditing and accountability.

This group has eight fields:

150101 Accounting Theory and Standards

150102 Auditing and Accountability

150103 Financial Accounting

150104 International Accounting

150105 Management Accounting

150106 Sustainability Accounting and Reporting

150107 Taxation Accounting

150199 Accounting, Auditing and Accountability not elsewhere classified

### Exclusions:

a) The economics of taxation are included in [Group 1402 Applied Economics](#).

b) Taxation law is included in [Group 1801 Law](#).

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This group covers banking, finance and investment.

This group has six fields:

150201 Finance  
150202 Financial Econometrics  
150203 Financial Institutions (incl. Banking)  
150204 Insurance Studies  
150205 Investment and Risk Management  
150299 Banking, Finance and Investment not elsewhere classified

### Exclusions:

- a) Financial mathematics is included in [Group 0102 Applied Mathematics](#).
- b) Econometrics other than financial econometrics is included in [Group 1403 Econometrics](#).
- c) Demography is included in [Group 1603 Demography](#).

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This group covers business and management.

It includes:

- business management;
- industrial relations;
- business information systems and information management;
- corporate governance;
- entrepreneurship; and
- organisation and management theory.

This group has fifteen fields:

150301 Business Information Management (incl. Records, Knowledge and Information Management, and Intelligence)

150302 Business Information Systems

150303 Corporate Governance and Stakeholder Engagement

150304 Entrepreneurship

150305 Human Resources Management

150306 Industrial Relations

150307 Innovation and Technology Management

150308 International Business

150309 Logistics and Supply Chain Management

150310 Organisation and Management Theory

150311 Organisational Behaviour

150312 Organisational Planning and Management  
150313 Quality Management  
150314 Small Business Management  
150399 Business and Management not elsewhere classified

**Exclusions:**

- a) Farm management, rural management and agribusiness are included in [Group 0701 Agriculture, Land and Farm Management](#).
- b) Non-business information systems are included in [Group 0806 Information Systems](#).
- c) Hospitality, sport and leisure management are included in [Group 1504 Commercial Services](#).
- d) Marketing and marketing management is included in [Group 1505 Marketing](#).
- e) Tourism management is included in [Group 1506 Tourism](#).
- f) Transportation and freight services are included in [Group 1507 Transportation and Freight Services](#).
- g) Business ethics is included in [Group 2201 Applied Ethics](#).
- h) Business and labour history is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This group covers commercial services, other than tourism and transportation and freight services.

This group has five fields:

150401 Food and Hospitality Services  
150402 Hospitality Management  
150403 Real Estate and Valuation Services  
150404 Sport and Leisure Management  
150499 Commercial Services not elsewhere classified

### Exclusions:

- a) Tourism is included in [Group 1506 Tourism](#).
- b) Transportation and freight services are included in [Group 1507 Transportation and Freight Services](#).
- c) Private policing and security services are included in [Group 1602 Criminology](#).

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This group covers marketing, other than market research.

It includes:

- consumer-oriented product and service development;
- marketing communications;
- marketing research methodology; and
- marketing theory.

This group has eight fields:

150501 Consumer-Oriented Product or Service Development  
150502 Marketing Communications  
150503 Marketing Management (incl. Strategy and Customer Relations)  
150504 Marketing Measurement  
150505 Marketing Research Methodology  
150506 Marketing Theory  
150507 Pricing (incl. Consumer Value Estimation)  
150599 Marketing not elsewhere classified

### Exclusions:

- a) Tourism marketing is included in [Group 1506 Tourism](#).
- b) Social impacts of marketing are included in [Group 2001 Communication and Media Studies](#).
- c) Cultural impacts of marketing are included in [Group 2002 Cultural Studies](#).
- d) Market research does not constitute R&D in the ANZSRC and as such should not be classified.

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This group covers tourism.

This group has seven fields:

150601 Impacts of Tourism  
150602 Tourism Forecasting  
150603 Tourism Management  
150604 Tourism Marketing  
150605 Tourism Resource Appraisal  
150606 Tourist Behaviour and Visitor Experience  
150699 Tourism not elsewhere classified

### Exclusions:

- a) Hospitality, sport and leisure management are included in [Group 1504 Commercial Services](#).
- b) Tourism geography is included in [Group 1604 Human Geography](#).
- c) Tourism policy is included in [Group 1605 Policy and Administration](#).

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TRANSPORTATION AND FREIGHT SERVICES

This group covers transportation and freight services.

This group has four fields:

150701 Air Transportation and Freight Services

150702 Rail Transportation and Freight Services

150703 Road Transportation and Freight Services

150799 Transportation and Freight Services not elsewhere classified

### Exclusions:

a) Transport engineering is included in [Group 0905 Civil Engineering](#).

b) Transport planning is included in [Group 1205 Urban and Regional Planning](#).

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COMMERCE, MANAGEMENT, TOURISM AND SERVICES

This group covers commerce, management, tourism and services not elsewhere classified.

This group has one field:

159999 Commerce, Management, Tourism and Services not elsewhere classified

### Exclusions:

- a) Financial mathematics is included in [Group 0102 Applied Mathematics](#).
- b) Farm management, rural management and agribusiness are included in [Group 0701 Agriculture, Land and Farm Management](#).
- c) Non-business information systems are included in [Group 0806 Information Systems](#).
- d) Transport engineering is included in [Group 0905 Civil Engineering](#).
- e) Transport planning is included in [Group 1205 Urban and Regional Planning](#).
- f) The economics of taxation are included in [Group 1402 Applied Economics](#).
- g) Econometrics other than financial econometrics is included in [Group 1403 Econometrics](#).
- h) Private policing and security services are included in [Group 1602 Criminology](#).
- i) Demography is included in [Group 1603 Demography](#).
- j) Taxation law is included in [Group 1801 Law](#).
- k) Social impacts of marketing are included in [Group 2001 Communication and Media Studies](#).
- l) Cultural impacts of marketing are included in [Group 2002 Cultural Studies](#).
- m) Business ethics is included in [Group 2201 Applied Ethics](#).
- n) Business and labour history is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers studies in human society.

It includes:

- policy and political science;
- social work;
- anthropology;
- criminology; and
- human geography.

This division has nine groups:

1601 Anthropology  
1602 Criminology  
1603 Demography  
1604 Human Geography  
1605 Policy and Administration  
1606 Political Science  
1607 Social Work  
1608 Sociology  
1699 Other Studies in Human Society

### Exclusions:

- a) Forensic statistics is included in [Group 0104 Statistics](#).
- b) Forensic chemistry is included in [Group 0399 Other Chemical Sciences](#).
- c) Physical geography is included in [Group 0406 Physical Geography and Environmental Geoscience](#).

- d) Anthropological genetics is included in [Group 0604 Genetics](#).
- e) Forensic biology is included in [Group 0699 Other Biological Sciences](#).
- f) Health care administration is included in [Group 1117 Public Health and Health Services](#).
- g) Educational administration is included in [Group 1303 Specialist Studies in Education](#).
- h) Economics, including urban and regional economics, is included in [Division 14 Economics](#).
- i) Actuarial studies are included in [Group 1502 Banking, Finance and Investment](#).
- j) Forensic psychology is included in [Group 1701 Psychology](#).
- k) Law and society and criminal law are included in [Group 1801 Law](#).
- l) Language in society (sociolinguistics) is included in [Group 2004 Linguistics](#).
- m) Archaeology is included in [Group 2101 Archaeology](#).
- n) History and philosophy of science, technology and the social sciences are included in [Group 2202 History and Philosophy of Specific Fields](#).
- o) Social philosophy is included in [Group 2203 Philosophy](#).
- p) Religion and society is included in [Group 2204 Religion and Religious Studies](#).

This section contains the following subsection :

- [GROUP 1601 ANTHROPOLOGY](#)
- [GROUP 1602 CRIMINOLOGY](#)
- [GROUP 1603 DEMOGRAPHY](#)
- [GROUP 1604 HUMAN GEOGRAPHY](#)
- [GROUP 1605 POLICY AND ADMINISTRATION](#)
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This group covers anthropology.

This group has five fields:

160101 Anthropology of Development  
160102 Biological (Physical) Anthropology  
160103 Linguistic Anthropology  
160104 Social and Cultural Anthropology  
160199 Anthropology not elsewhere classified

### Exclusions:

- a) Anthropological genetics is included in [Group 0604 Genetics](#).
- b) Archaeology is included in [Group 2101 Archaeology](#).

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This group covers criminology.

This group has seven fields:

160201 Causes and Prevention of Crime  
160202 Correctional Theory, Offender Treatment and Rehabilitation  
160203 Courts and Sentencing  
160204 Criminological Theories  
160205 Police Administration, Procedures and Practice  
160206 Private Policing and Security Services  
160299 Criminology not elsewhere classified

### Exclusions:

- a) Forensic statistics is included in [Group 0104 Statistics](#).
- b) Forensic chemistry is included in [Group 0399 Other Chemical Sciences](#).
- c) Forensic biology is included in [Group 0699 Other Biological Sciences](#).
- d) Crime policy is included in [Group 1605 Policy and Administration](#).
- e) Forensic psychology is included in [Group 1701 Psychology](#).
- f) Criminal law is included in [Group 1801 Law](#).

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This group covers demography.

This group has six fields:

160301 Family and Household Studies

160302 Fertility

160303 Migration

160304 Mortality

160305 Population Trends and Policies

160399 Demography not elsewhere classified

### Exclusions:

a) Actuarial studies are included in [Group 1502 Banking, Finance and Investment](#).

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This group covers human geography.

This group has five fields:

- 160401 Economic Geography
- 160402 Recreation, Leisure and Tourism Geography
- 160403 Social and Cultural Geography
- 160404 Urban and Regional Studies (excl. Planning)
- 160499 Human Geography not elsewhere classified

### Exclusions:

- a) Physical geography is included in [Group 0406 Physical Geography and Environmental Geoscience](#).
- b) Urban and regional planning is included in [Group 1205 Urban and Regional Planning](#).
- c) Economics, including urban and regional economics, is included in [Division 14 Economics](#).
- d) Demography is included in [Group 1603 Demography](#).
- e) Urban and environment policy is included in [Group 1605 Policy and Administration](#).

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This group covers policy and administration.

This group has fifteen fields:

160501 Aboriginal and Torres Strait Islander Policy  
160502 Arts and Cultural Policy  
160503 Communications and Media Policy  
160504 Crime Policy  
160505 Economic Development Policy  
160506 Education Policy  
160507 Environment Policy  
160508 Health Policy  
160509 Public Administration  
160510 Public Policy  
160511 Research, Science and Technology Policy  
160512 Social Policy  
160513 Tourism Policy  
160514 Urban Policy  
160599 Policy and Administration not elsewhere classified

### Exclusions:

- a) Health care administration is included in [Group 1117 Public Health and Health Services](#).
- b) Educational administration is included in [Group 1303 Specialist Studies in Education](#).

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This group covers political science.

This group has ten fields:

- 160601 Australian Government and Politics
- 160602 Citizenship
- 160603 Comparative Government and Politics
- 160604 Defence Studies
- 160605 Environmental Politics
- 160606 Government and Politics of Asia and the Pacific
- 160607 International Relations
- 160608 New Zealand Government and Politics
- 160609 Political Theory and Political Philosophy
- 160699 Political Science not elsewhere classified

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This group covers social work.

This group has four fields:

160701 Clinical Social Work Practice  
160702 Counselling, Welfare and Community Services  
160703 Social Program Evaluation  
160799 Social Work not elsewhere classified

### Exclusions:

- a) Urban and regional studies are included in [Group 1604 Human Geography](#).
- b) Social policy is included in [Group 1605 Policy and Administration](#).

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This group covers sociology.

It includes:

- social theory and change;
- race and ethnic relations;
- urban, rural and environmental sociology; and
- educational sociology.

This group has eleven fields:

160801 Applied Sociology, Program Evaluation and Social Impact Assessment  
160802 Environmental Sociology  
160803 Race and Ethnic Relations  
160804 Rural Sociology  
160805 Social Change  
160806 Social Theory  
160807 Sociological Methodology and Research Methods  
160808 Sociology and Social Studies of Science and Technology  
160809 Sociology of Education  
160810 Urban Sociology and Community Studies  
160899 Sociology not elsewhere classified

### Exclusions:

- a) Criminology is included in [Group 1602 Criminology](#).
- b) Social policy is included in [Group 1605 Policy and Administration](#).

- c) Law and society is included in [Group 1801 Law](#).
- d) Language in society (sociolinguistics) is included in [Group 2004 Linguistics](#).
- e) History and philosophy of science and technology are included in [Group 2202 History and Philosophy of Specific Fields](#).
- f) Social philosophy is included in [Group 2203 Philosophy](#).
- g) Religion and society is included in [Group 2204 Religion and Religious Studies](#).

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This group covers studies in human society not elsewhere classified.

It includes:

- gender specific studies;
- studies of Asian society;
- studies of Aboriginal and Torres Strait Islander society;
- studies of Maori society; and
- studies of Pacific Peoples' society.

This group has six fields:

169901 Gender Specific Studies  
169902 Studies of Aboriginal and Torres Strait Islander Society  
169903 Studies of Asian Society  
169904 Studies of Maori Society  
169905 Studies of Pacific Peoples' Societies  
169999 Studies in Human Society not elsewhere classified

### Exclusions:

- a) Forensic statistics is included in [Group 0104 Statistics](#).
- b) Forensic chemistry is included in [Group 0399 Other Chemical Sciences](#).
- c) Physical geography is included in [Group 0406 Physical Geography and Environmental Geoscience](#).
- d) Anthropological genetics is included in [Group 0604 Genetics](#).
- e) Forensic biology is included in [Group 0699 Other Biological Sciences](#).
- f) Health care administration is included in [Group 1117 Public Health and Health Services](#).

- g) Educational administration is included in [Group 1303 Specialist Studies in Education](#).
- h) Economics, including urban and regional economics, is included in [Division 14 Economics](#).
- i) Actuarial studies are included in [Group 1502 Banking, Finance and Investment](#).
- j) Forensic psychology is included in [Group 1701 Psychology](#).
- k) Law and society and criminal law are included in [Group 1801 Law](#).
- l) Language in society (sociolinguistics) is included in [Group 2004 Linguistics](#).
- m) Archaeology is included in [Group 2101 Archaeology](#).
- n) History and philosophy of science, technology and the social sciences is included in [Group 2202 History and Philosophy of Specific Fields](#).
- o) Social philosophy is included in [Group 2203 Philosophy](#).
- p) Religion and society is included in [Group 2204 Religion and Religious Studies](#).

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This division covers psychology and cognitive sciences.

This division has three groups:

1701 Psychology

1702 Cognitive Sciences

1799 Other Psychology and Cognitive Sciences

### Exclusions:

- a) Artificial intelligence is included in [Group 0801 Artificial Intelligence and Image Processing](#).
- b) The application of psychology to computer-human interactions is included in [Group 0806 Information Systems](#).
- c) Psychiatry and psychotherapy is included in [Group 1103 Clinical Sciences](#).
- d) Neuroscience is included in [Group 1109 Neurosciences](#).
- e) Mental health is included in [Group 1117 Public Health and Health Services](#).
- f) Learning sciences are included in [Group 1303 Specialist Studies in Education](#).
- g) Criminology is included in [Group 1602 Criminology](#).
- h) Linguistics other than linguistic processes is included in [Group 2004 Linguistics](#).
- i) History and philosophy of the social sciences are included in [Group 2202 History and Philosophy of Specific Fields](#).
- j) Philosophical psychology and philosophy of cognition are included in [Group 2203 Philosophy](#).

This section contains the following subsection :

[GROUP 1701 PSYCHOLOGY](#)

[GROUP 1702 COGNITIVE SCIENCES](#)

[GROUP 1799 OTHER PSYCHOLOGY AND COGNITIVE SCIENCES](#)

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This group covers psychology. It includes psychosomatic medicine.

This group has fifteen fields:

170101 Biological Psychology (Neuropsychology, Psychopharmacology, Physiological Psychology)  
170102 Developmental Psychology and Ageing  
170103 Educational Psychology  
170104 Forensic Psychology  
170105 Gender Psychology  
170106 Health, Clinical and Counselling Psychology  
170107 Industrial and Organisational Psychology  
170108 Kaupapa Maori Psychology  
170109 Personality, Abilities and Assessment  
170110 Psychological Methodology, Design and Analysis  
170111 Psychology of Religion  
170112 Sensory Processes, Perception and Performance  
170113 Social and Community Psychology  
170114 Sport and Exercise Psychology  
170199 Psychology not elsewhere classified

### Exclusions:

- The application of psychology to computer-human interactions is included in [Group 0806 Information Systems](#).
- Psychiatry and psychotherapy is included in [Group 1103 Clinical Sciences](#).
- Neuroscience is included in [Group 1109 Neurosciences](#).

- d) Mental health is included in [Group 1117 Public Health and Health Services](#).
- e) Learning sciences are included in [Group 1303 Specialist Studies in Education](#).
- f) Criminology is included in [Group 1602 Criminology](#).
- g) The application of psychology to cognitive science is included in [Group 1702 Cognitive Sciences](#).
- h) Philosophical psychology is included in [Group 2203 Philosophy](#).

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This group covers cognitive sciences.

This group has six fields:

170201 Computer Perception, Memory and Attention

170202 Decision Making

170203 Knowledge Representation and Machine Learning

170204 Linguistic Processes (incl. Speech Production and Comprehension)

170205 Neurocognitive Patterns and Neural Networks

170299 Cognitive Sciences not elsewhere classified

### Exclusions:

a) Artificial intelligence is included in [Group 0801 Artificial Intelligence and Image Processing](#).

b) Linguistics other than linguistic processes is included in [Group 2004 Linguistics](#).

c) Philosophy of cognition is included in [Group 2203 Philosophy](#).

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This group covers psychology and cognitive sciences not elsewhere classified.

This group has one field:

179999 Psychology and Cognitive Sciences not elsewhere classified

### Exclusions:

- a) Artificial intelligence is included in [Group 0801 Artificial Intelligence and Image Processing](#).
- b) The application of psychology to computer-human interactions is included in [Group 0806 Information Systems](#).
- c) Psychiatry and psychotherapy is included in [Group 1103 Clinical Sciences](#).
- d) Neuroscience is included in [Group 1109 Neurosciences](#).
- e) Mental health is included in [Group 1117 Public Health and Health Services](#).
- f) Learning sciences are included in [Group 1303 Specialist Studies in Education](#).
- g) Criminology is included in [Group 1602 Criminology](#).
- h) Linguistics other than linguistic processes is included in [Group 2004 Linguistics](#).
- i) History and philosophy of the social sciences are included in [Group 2202 History and Philosophy of Specific Fields](#).
- j) Philosophical psychology and philosophy of cognition are included in [Group 2203 Philosophy](#).

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[Contents](#) >> [Fields of Research](#) >> DIVISION 18 LAW AND LEGAL STUDIES

This division covers law and legal studies.

This division has three groups:

1801 Law

1802 Maori Law

1899 Other Law and Legal Studies

### Exclusions:

- a) Criminology, including policing and correctional theory, is included in [Group 1602 Criminology](#).
- b) Legal ethics and human rights and justice issues are included in [Group 2201 Applied Ethics](#).
- c) History and philosophy of law and justice is included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 1801 LAW](#)

[GROUP 1802 MAORI LAW](#)

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This group covers law.

It includes:

- legal institutions;
- legal theory and practice; and
- litigation, adjudication and dispute resolution.

This group has twenty-seven fields:

180101 Aboriginal and Torres Strait Islander Law  
180102 Access to Justice  
180103 Administrative Law  
180104 Civil Law and Procedure  
180105 Commercial and Contract Law  
180106 Comparative Law  
180107 Conflict of Laws (Private International Law)  
180108 Constitutional Law  
180109 Corporations and Associations Law  
180110 Criminal Law and Procedure  
180111 Environmental and Natural Resources Law  
180112 Equity and Trusts Law  
180113 Family Law  
180114 Human Rights Law  
180115 Intellectual Property Law  
180116 International Law (excl. International Trade Law)

180117 International Trade Law  
180118 Labour Law  
180119 Law and Society  
180120 Legal Institutions (incl. Courts and Justice Systems)  
180121 Legal Practice, Lawyering and the Legal Profession  
180122 Legal Theory, Jurisprudence and Legal Interpretation  
180123 Litigation, Adjudication and Dispute Resolution  
180124 Property Law (excl. Intellectual Property Law)  
180125 Taxation Law  
180126 Tort Law  
180199 Law not elsewhere classified

**Exclusions:**

- a) Criminology, including policing and correctional theory, is included in [Group 1602 Criminology](#).
- b) Legal ethics and human rights and justice issues are included in [Group 2201 Applied Ethics](#).
- c) History and philosophy of law and justice is included in [Group 2202 History and Philosophy of Specific Fields](#).

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This group covers Maori Law.

This group has five fields:

180201 Nga Tikanga Maori (Maori Customary Law)  
180202 Te Maori Whakahaere Rauemi (Maori Resource Law))  
180203 Te Tiriti o Waitangi (The Treaty of Waitangi)  
180204 Te Ture Whenua (Maori Land Law)  
180299 Maori Law not elsewhere classified

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This group covers law and legal studies not elsewhere classified.

This group has one field:

189999 Law and Legal Studies not elsewhere classified

### Exclusions:

- a) Criminology, including policing and correctional theory, is included in [Group 1602 Criminology](#).
- b) Legal ethics and human rights and justice issues are included in [Group 2201 Applied Ethics](#).
- c) History and philosophy of law and justice is included in [Group 2202 History and Philosophy of Specific Fields](#).

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[Contents](#) >> [Fields of Research](#) >> DIVISION 19 STUDIES IN CREATIVE ARTS AND WRITING

This division covers studies in the creative arts and writing.

It includes:

- art theory and criticism;
- film, television and digital media;
- journalism and professional writing;
- performing arts and creative writing; and
- visual arts and crafts.

This division has six groups:

1901 Art Theory and Criticism  
1902 Film, Television and Digital Media  
1903 Journalism and Professional Writing  
1904 Performing Arts and Creative Writing  
1905 Visual Arts and Crafts  
1999 Other Studies in Creative Arts and Writing

### Exclusions:

- a) Computer software is included in [Group 0803 Computer Software](#).
- b) Communications technologies, including broadcasting systems, are included in [Group 1005 Communications Technologies](#).
- c) Computer hardware is included in [Group 1006 Computer Hardware](#).
- d) Design studies are included in [Division 12 Built Environment and Design](#).
- e) Communication and media studies are included in [Group 2001 Communication and Media Studies](#).

- f) Cultural studies, including screen and media culture, are included in [Group 2002 Cultural Studies](#).
- g) Literary studies are included in [Group 2005 Literary Studies](#).
- h) Curatorial and related studies are included in [Group 2102 Curatorial and Related Studies](#).
- i) History and philosophy of the humanities, other than art history, are included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 1901 ART THEORY AND CRITICISM](#)

[GROUP 1902 FILM, TELEVISION AND DIGITAL MEDIA](#)

[GROUP 1903 JOURNALISM AND PROFESSIONAL WRITING](#)

[GROUP 1904 PERFORMING ARTS AND CREATIVE WRITING](#)

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This group covers art theory and criticism. It includes art history and visual cultures.

This group has five fields:

190101 Art Criticism

190102 Art History

190103 Art Theory

190104 Visual Cultures

190199 Art Theory and Criticism not elsewhere classified

### Exclusions:

a) Literary studies are included in [Group 2005 Literary Studies](#).

b) Curatorial and related studies are included in [Group 2102 Curatorial and Related Studies](#).

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This group covers film, television and digital media. It includes computer animation and gaming.

This group has six fields:

190201 Cinema Studies  
190202 Computer Gaming and Animation  
190203 Electronic Media Art  
190204 Film and Television  
190205 Interactive Media  
190299 Film, Television and Digital Media not elsewhere classified

### Exclusions:

- Computer software is included in [Group 0803 Computer Software](#).
- Communications technologies including broadcasting systems are included in [Group 1005 Communications Technologies](#).
- Computer hardware is included in [Group 1006 Computer Hardware](#).
- Film and television scriptwriting is included in [Group 1904 Performing Arts and Creative Writing](#).
- Lens-based practice, including photography, is included in [Group 1905 Visual Arts and Crafts](#).
- Screen and media culture are included in [Group 2002 Cultural Studies](#).

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This group covers journalism and professional writing. It includes technical writing.

This group has four fields:

190301 Journalism Studies

190302 Professional Writing

190303 Technical Writing

190399 Journalism and Professional Writing not elsewhere classified

### Exclusions:

- a) Communications technologies are included in [Group 1005 Communications Technologies](#).
- b) Creative writing is included in [Group 1904 Performing Arts and Creative Writing](#).
- c) Communication and media studies are included in [Group 2001 Communication and Media Studies](#).
- d) Literary studies are included in [Group 2005 Literary Studies](#).

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This group covers performing arts and creative writing.

It includes:

- music and musicology;
- dance;
- creative writing; and
- drama and theatre studies.

This group has eleven fields:

190401 Aboriginal and Torres Strait Islander Performing Arts

190402 Creative Writing (incl. Playwriting)

190403 Dance

190404 Drama, Theatre and Performance Studies

190405 Maori Performing Arts

190406 Music Composition

190407 Music Performance

190408 Music Therapy

190409 Musicology and Ethnomusicology

190410 Pacific Peoples Performing Arts

190499 Performing Arts and Creative Writing not elsewhere classified

### Exclusions:

a) Film, television and digital media are included in [Group 1902 Film, Television and Digital Media](#).

b) Journalism, professional and technical writing is included in [Group 1903 Journalism and Professional](#)

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[Writing.](#)

c) Performance and installation art are included in [Group 1905 Visual Arts and Crafts.](#)

d) Literary studies are included in [Group 2005 Literary Studies.](#)

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This group covers visual arts and crafts. It includes fine arts.

This group has five fields:

190501 Crafts

190502 Fine Arts (incl. Sculpture and Painting)

190503 Lens-based Practice

190504 Performance and Installation Art

190599 Visual Arts and Crafts not elsewhere classified

### Exclusions:

a) Visual communication design is included in [Group 1203 Design Practice and Management](#).

b) Film and television are included in [Group 1902 Film, Television and Digital Media](#).

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This group covers studies in creative arts and writing not elsewhere classified.

This group has one field:

199999 Studies in Creative Arts and Writing not elsewhere classified

### Exclusions:

- a) Computer software is included in [Group 0803 Computer Software](#).
- b) Communications technologies, including broadcasting systems, are included in [Group 1005 Communications Technologies](#).
- c) Computer hardware is included in [Group 1006 Computer Hardware](#).
- d) Design studies are included in [Division 12 Built Environment and Design](#).
- e) Communication and media studies are included in [Group 2001 Communication and Media Studies](#).
- f) Cultural studies, including screen and media culture, are included in [Group 2002 Cultural Studies](#).
- g) Literary studies are included in [Group 2005 Literary Studies](#).
- h) Curatorial and related studies are included in [Group 2102 Curatorial and Related Studies](#).
- i) History and philosophy of the humanities, other than art history, are included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers language studies, communication and culture. It includes literary studies and linguistics.

This division has six groups:

- 2001 Communication and Media Studies
- 2002 Cultural Studies
- 2003 Language Studies
- 2004 Linguistics
- 2005 Literary Studies
- 2099 Other Language, Communication and Culture

### Exclusions:

- a) Communications technologies are included in [Group 1005 Communications Technologies](#).
- b) Marketing and advertising, other than their social or cultural impacts, are included in [Group 1505 Marketing](#).
- c) Linguistic anthropology is included in [Group 1601 Anthropology](#).
- d) Linguistic processes are included in [Group 1702 Cognitive Sciences](#).
- e) Film, television, digital media, creative writing, professional writing and journalism are included in [Division 19 Studies in Creative Arts and Writing](#).
- f) Cultural conservation is included in [Group 2102 Curatorial and Related Studies](#).
- g) Biography is included in [Group 2103 Historical Studies](#).
- h) History and philosophy of the humanities are included in [Group 2202 History and Philosophy of Specific Fields](#).
- i) Philosophy of language is included in [Group 2203 Philosophy](#).

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This section contains the following subsection :

[GROUP 2001 COMMUNICATION AND MEDIA STUDIES](#)

[GROUP 2002 CULTURAL STUDIES](#)

[GROUP 2003 LANGUAGE STUDIES](#)

[GROUP 2004 LINGUISTICS](#)

[GROUP 2005 LITERARY STUDIES](#)

[GROUP 2099 OTHER LANGUAGE, COMMUNICATION AND CULTURE](#)

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This group covers communication and media studies. It includes the social impacts of marketing and advertising.

This group has six fields:

200101 Communication Studies

200102 Communication Technology and Digital Media Studies

200103 International and Development Communication

200104 Media Studies

200105 Organisational, Interpersonal and Intercultural Communication

200199 Communication and Media Studies not elsewhere classified

### Exclusions:

a) Communications technologies are included in [Group 1005 Communications Technologies](#).

b) Marketing and advertising, other than their social or cultural impacts, are included in [Group 1505 Marketing](#).

c) Film, television and digital media are included in [Group 1902 Film, Television and Digital Media](#).

d) Journalism is included in [Group 1903 Journalism and Professional Writing](#).

e) Cultural studies, including screen and media studies and the cultural impacts of marketing and advertising, are included in [Group 2002 Cultural Studies](#).

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This group covers cultural studies. It includes the cultural impacts of marketing and advertising.

This group has thirteen fields:

200201 Aboriginal and Torres Strait Islander Cultural Studies  
200202 Asian Cultural Studies  
200203 Consumption and Everyday Life  
200204 Cultural Theory  
200205 Culture, Gender, Sexuality  
200206 Globalisation and Culture  
200207 Maori Cultural Studies  
200208 Migrant Cultural Studies  
200209 Multicultural, Intercultural and Cross-cultural Studies  
200210 Pacific Cultural Studies  
200211 Postcolonial Studies  
200212 Screen and Media Culture  
200299 Cultural Studies not elsewhere classified

### Exclusions:

- Marketing and advertising, other than their social or cultural impacts, are included in [Group 1505 Marketing](#).
- Film, television and digital media are included in [Group 1902 Film, Television and Digital Media](#).
- Intercultural communication and the social impacts of marketing and advertising are included in [Group 2001 Communication and Media Studies](#).
- Language in culture is included in [Group 2004 Linguistics](#).

e) Cultural conservation is included in [Group 2102 Curatorial and Related Studies](#).

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This group covers language studies. It includes comparative language studies and translation and interpretation studies.

This group has twenty-four fields:

- 200301 Early English Languages
- 200302 English Language
- 200303 English as a Second Language
- 200304 Central and Eastern European Languages (incl. Russian)
- 200305 Latin and Classical Greek Languages
- 200306 French Language
- 200307 German Language
- 200308 Iberian Languages
- 200309 Italian Language
- 200310 Other European Languages
- 200311 Chinese Languages
- 200312 Japanese Language
- 200313 Indonesian Languages
- 200314 South-East Asian Languages (excl. Indonesian)
- 200315 Indian Languages
- 200316 Korean Language
- 200317 Other Asian Languages (excl. South-East Asian)
- 200318 Middle Eastern Languages
- 200319 Aboriginal and Torres Strait Islander Languages
- 200320 Pacific Languages

200321 Te Reo Maori (Maori Language)  
200322 Comparative Language Studies  
200323 Translation and Interpretation Studies  
200399 Language Studies not elsewhere classified

**Exclusions:**

- a) Writing is included in [Division 19 Studies in Creative Arts and Writing](#).
- b) Linguistics is included in [Group 2004 Linguistics](#).
- c) Literary studies are included in [Group 2005 Literary Studies](#).
- d) Philosophy of language is included in [Group 2203 Philosophy](#).

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This group covers linguistics.

This group has nine fields:

200401 Applied Linguistics and Educational Linguistics  
200402 Computational Linguistics  
200403 Discourse and Pragmatics  
200404 Laboratory Phonetics and Speech Science  
200405 Language in Culture and Society (Sociolinguistics)  
200406 Language in Time and Space (incl. Historical Linguistics, Dialectology)  
200407 Lexicography  
200408 Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)  
200499 Linguistics not elsewhere classified

### Exclusions:

- a) Linguistic anthropology is included in [Group 1601 Anthropology](#).
- b) Linguistic processes are included in [Group 1702 Cognitive Sciences](#).
- c) Language studies are included in [Group 2003 Language Studies](#).
- d) Philosophy of language is included in [Group 2203 Philosophy](#).

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This group covers literature and literary studies.

It includes:

- comparative literature studies;
- literary theory; and
- stylistics and textual analysis.

This group has twenty-seven fields:

200501 Aboriginal and Torres Strait Islander Literature  
200502 Australian Literature (excl. Aboriginal and Torres Strait Islander Literature)  
200503 British and Irish Literature  
200504 Maori Literature  
200505 New Zealand Literature (excl. Maori Literature)  
200506 North American Literature  
200507 Pacific Literature  
200508 Other Literatures in English  
200509 Central and Eastern European Literature (incl. Russian)  
200510 Latin and Classical Greek Literature  
200511 Literature in French  
200512 Literature in German  
200513 Literature in Italian  
200514 Literature in Spanish and Portuguese  
200515 Other European Literature  
200516 Indonesian Literature

200517 Literature in Chinese  
200518 Literature in Japanese  
200519 South-East Asian Literature (excl. Indonesian)  
200520 Indian Literature  
200521 Korean Literature  
200522 Other Asian Literature (excl. South-East Asian)  
200523 Middle Eastern Literature  
200524 Comparative Literature Studies  
200525 Literary Theory  
200526 Stylistics and Textual Analysis  
200599 Literary Studies not elsewhere classified

**Exclusions:**

- a) Writing is included in [Division 19 Studies in Creative Arts and Writing](#).
- b) Language studies are included in [Group 2003 Language Studies](#).
- c) Biography is included in [Group 2103 Historical Studies](#).

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This group covers language, communication and culture not elsewhere classified.

This group has one field:

209999 Language, Communication and Culture not elsewhere classified

### Exclusions:

- a) Communications technologies are included in [Group 1005 Communications Technologies](#).
- b) Marketing and advertising, other than their social or cultural impacts, are included in [Group 1505 Marketing](#).
- c) Linguistic anthropology is included in [Group 1601 Anthropology](#).
- d) Linguistic processes are included in [Group 1702 Cognitive Sciences](#).
- e) Film, television, digital media, creative writing, professional writing and journalism are included in [Division 19 Studies in Creative Arts and Writing](#).
- f) Cultural conservation is included in [Group 2102 Curatorial and Related Studies](#).
- g) Biography is included in [Group 2103 Historical Studies](#).
- h) History and philosophy of the humanities are included in [Group 2202 History and Philosophy of Specific Fields](#).
- i) Philosophy of language is included in [Group 2203 Philosophy](#).

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[Contents](#) >> [Fields of Research](#) >> DIVISION 21 HISTORY AND ARCHAEOLOGY

This division covers history and archaeology. It includes curatorial and related studies.

This division has four groups:

2101 Archaeology

2102 Curatorial and Related Studies

2103 Historical Studies

2199 Other History and Archaeology

### Exclusions:

- a) Librarianship is included in [Group 0807 Library and Information Studies](#).
- b) History of architecture is included in [Group 1201 Architecture](#).
- c) History of design is included in [Group 1203 Design Practice and Management](#).
- d) History of the built environment is included in [Group 1205 Urban and Regional Planning](#).
- e) Anthropology is included in [Group 1601 Anthropology](#).
- f) Art history is included in [Group 1901 Art Theory and Criticism](#).
- g) Cultural studies are included in [Group 2002 Cultural Studies](#).
- h) History of specific concepts or fields of study which defy geographical classification other than architecture, design, built environment and art are included in [Group 2202 History and Philosophy of Specific Fields](#).

This section contains the following subsection :

[GROUP 2101 ARCHAEOLOGY](#)

[GROUP 2102 CURATORIAL AND RELATED STUDIES](#)

[GROUP 2103 HISTORICAL STUDIES](#)

[GROUP 2199 OTHER HISTORY AND ARCHAEOLOGY](#)

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This group covers archaeology.

This group has eleven fields:

210101 Aboriginal and Torres Strait Islander Archaeology

210102 Archaeological Science

210103 Archaeology of Asia, Africa and the Americas

210104 Archaeology of Australia (excl. Aboriginal and Torres Strait Islander)

210105 Archaeology of Europe, the Mediterranean and the Levant

210106 Archaeology of New Guinea and Pacific Islands (excl. New Zealand)

210107 Archaeology of New Zealand (excl. Maori)

210108 Historical Archaeology (incl. Industrial Archaeology)

210109 Maori Archaeology

210110 Maritime Archaeology

210199 Archaeology not elsewhere classified

### Exclusions:

a) Remote sensing and surveying are included in [Group 0909 Geomatic Engineering](#).

b) Anthropology is included in [Group 1601 Anthropology](#).

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This group covers curatorial and related studies. It includes heritage and cultural conservation.

This group has five fields:

210201 Archival, Repository and Related Studies

210202 Heritage and Cultural Conservation

210203 Materials Conservation

210204 Museum Studies

210299 Curatorial and Related Studies not elsewhere classified

### Exclusions:

a) Librarianship is included in [Group 0807 Library and Information Studies](#).

b) Cultural studies are included in [Group 2002 Cultural Studies](#).

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This group covers the study of the history of peoples, nations or geographic regions. It includes biography.

This group has fourteen fields:

210301 Aboriginal and Torres Strait Islander History  
210302 Asian History  
210303 Australian History (excl. Aboriginal and Torres Strait Islander History)  
210304 Biography  
210305 British History  
210306 Classical Greek and Roman History  
210307 European History (excl. British, Classical Greek and Roman)  
210308 Latin American History  
210309 Maori History  
210310 Middle Eastern and African History  
210311 New Zealand History  
210312 North American History  
210313 Pacific History (excl. New Zealand and Maori)  
210399 Historical Studies not elsewhere classified

### Exclusions:

- History of architecture is included in [Group 1201 Architecture](#).
- History of design is included in [Group 1203 Design Practice and Management](#).
- History of the built environment is included in [Group 1205 Urban and Regional Planning](#).
- Art history is included in [Group 1901 Art Theory and Criticism](#).
- History of specific concepts or fields of study which defy geographical classification other than architecture,

design, built environment and art are included in [Group 2202 History and Philosophy of Specific Fields](#).

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This group covers history and archaeology not elsewhere classified.

This group has one field:

219999 History and Archaeology not elsewhere classified

### Exclusions:

- a) Librarianship is included in [Group 0807 Library and Information Studies](#).
- b) History of architecture is included in [Group 1201 Architecture](#).
- c) History of design is included in [Group 1203 Design Practice and Management](#).
- d) History of the built environment is included in [Group 1205 Urban and Regional Planning](#).
- e) Anthropology is included in [Group 1601 Anthropology](#).
- f) Art history is included in [Group 1901 Art Theory and Criticism](#).
- g) Cultural studies are included in [Group 2002 Cultural Studies](#).
- h) History of specific concepts or fields of study which defy geographical classification other than architecture, design, built environment and art are included in [Group 2202 History and Philosophy of Specific Fields](#).

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This division covers philosophy and religious studies. It includes the history and philosophy of specific fields.

This division has five groups:

2201 Applied Ethics  
2202 History and Philosophy of Specific Fields  
2203 Philosophy  
2204 Religion and Religious Studies  
2299 Other Philosophy and Religious Studies

### Exclusions:

- a) Mathematical logic is included in [Group 0101 Pure Mathematics](#).
- b) Humane treatment of animals in agriculture, domestic or sporting environments is included in [Group 0702 Animal Production](#).
- c) History of architecture is included in [Group 1201 Architecture](#).
- d) History of design is included in [Group 1203 Design Practice and Management](#).
- e) History of the built environment is included in [Group 1205 Urban and Regional Planning](#).
- f) Political philosophy is included in [Group 1606 Political Science](#).
- g) Sociology and social studies of science and technology is included in [Group 1608 Sociology](#).
- h) Psychology of religion is included in [Group 1701 Psychology](#).
- i) Human rights law is included in [Group 1801 Law](#).
- j) Art history is included in [Group 1901 Art Theory and Criticism](#).
- k) Language studies are included in [Group 2003 Language Studies](#).

l) Historical linguistics is included in [Group 2004 Linguistics](#).

m) History of peoples, nations or geographic areas is included in [Group 2103 Historical Studies](#).

This section contains the following subsection :

[GROUP 2201 APPLIED ETHICS](#)

[GROUP 2202 HISTORY AND PHILOSOPHY OF SPECIFIC FIELDS](#)

[GROUP 2203 PHILOSOPHY](#)

[GROUP 2204 RELIGION AND RELIGIOUS STUDIES](#)

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[Contents](#) >> [Fields of Research](#) >> [DIVISION 22 PHILOSOPHY AND RELIGIOUS STUDIES](#) >> GROUP 2201 APPLIED ETHICS

This group covers applied ethics. It included human rights and justice issues.

This group has eight fields:

220101 Bioethics (human and animal)  
220102 Business Ethics  
220103 Ethical Use of New Technology (e.g. Nanotechnology, Biotechnology)  
220104 Human Rights and Justice Issues  
220105 Legal Ethics  
220106 Medical Ethics  
220107 Professional Ethics (incl. police and research ethics)  
220199 Applied Ethics not elsewhere classified

### Exclusions:

- Humane treatment of animals in agriculture, domestic or sporting environments is included in [Group 0702 Animal Production](#).
- Human rights law is included in [Group 1801 Law](#).
- Ethical theory and environmental philosophy, including environmental ethics, is included in [Group 2203 Philosophy](#).

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[Contents](#) >> [Fields of Research](#) >> [DIVISION 22 PHILOSOPHY AND RELIGIOUS STUDIES](#) >> GROUP 2202 HISTORY AND PHILOSOPHY OF SPECIFIC FIELDS

This group covers the history and philosophy of specific concepts or fields of study which defy geographical classification.

This group has eleven fields:

220201 Business and Labour History  
220202 History and Philosophy of Education  
220203 History and Philosophy of Engineering and Technology  
220204 History and Philosophy of Law and Justice  
220205 History and Philosophy of Medicine  
220206 History and Philosophy of Science (incl. Non-historical Philosophy of Science)  
220207 History and Philosophy of the Humanities  
220208 History and Philosophy of the Social Sciences  
220209 History of Ideas  
220210 History of Philosophy  
220299 History and Philosophy of Specific Fields not elsewhere classified

### Exclusions:

- a) History of architecture is included in [Group 1201 Architecture](#).
- b) History of design is included in [Group 1203 Design Practice and Management](#).
- c) History of the built environment is included in [Group 1205 Urban and Regional Planning](#).
- d) Sociology and social studies of science and technology is included in [Group 1608 Sociology](#).
- e) Art history is included in [Group 1901 Art Theory and Criticism](#).
- f) Historical linguistics is included in [Group 2004 Linguistics](#).

g) History of peoples, nations or geographic areas is included in [Group 2103 Historical Studies](#).

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This group covers philosophy.

This group has twenty fields:

220301 Aesthetics  
220302 Decision Theory  
220303 Environmental Philosophy  
220304 Epistemology  
220305 Ethical Theory  
220306 Feminist Theory  
220307 Hermeneutic and Critical Theory  
220308 Logic  
220309 Metaphysics  
220310 Phenomenology  
220311 Philosophical Psychology (incl. Moral Psychology and Philosophy of Action)  
220312 Philosophy of Cognition  
220313 Philosophy of Language  
220314 Philosophy of Mind (excl. Cognition)  
220315 Philosophy of Religion  
220316 Philosophy of Specific Cultures (incl. Comparative Philosophy)  
220317 Poststructuralism  
220318 Psychoanalytic Philosophy  
220319 Social Philosophy  
220399 Philosophy not elsewhere classified

**Exclusions:**

- a) Mathematical logic is included in [Group 0101 Pure Mathematics](#).
- b) Political philosophy is included in [Group 1606 Political Science](#).
- c) Applied ethics is included in [Group 2201 Applied Ethics](#).
- d) History of philosophy and the history and philosophy of specific fields of study are included in [Group 2202 History and Philosophy of Specific Fields](#).

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This group covers the study of religion. It includes comparative religious studies.

This group has eight fields:

220401 Christian Studies (incl. Biblical Studies and Church History)

220402 Comparative Religious Studies

220403 Islamic Studies

220404 Jewish Studies

220405 Religion and Society

220406 Studies in Eastern Religious Traditions

220407 Studies in Religious Traditions (excl. Eastern, Jewish, Christian and Islamic Traditions)

220499 Religion and Religious Studies not elsewhere classified

### Exclusions:

a) Psychology of religion is included in [Group 1701 Psychology](#).

b) Language studies are included in [Group 2003 Language Studies](#).

c) Philosophy of religion is included in [Group 2203 Philosophy](#).

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This group covers philosophy and religious studies not elsewhere classified.

This group has one field:

229999 Philosophy and Religious Studies not elsewhere classified

### Exclusions:

- a) Mathematical logic is included in [Group 0101 Pure Mathematics](#).
- b) Humane treatment of animals in agriculture, domestic or sporting environments is included in [Group 0702 Animal Production](#).
- c) History of architecture is included in [Group 1201 Architecture](#).
- d) History of design is included in [Group 1203 Design Practice and Management](#).
- e) History of the built environment is included in [Group 1205 Urban and Regional Planning](#).
- f) Political philosophy is included in [Group 1606 Political Science](#).
- g) Sociology and social studies of science and technology is included in [Group 1608 Sociology](#).
- h) Psychology of religion is included in [Group 1701 Psychology](#).
- i) Human rights law is included in [Group 1801 Law](#).
- j) Art history is included in [Group 1901 Art Theory and Criticism](#).
- k) Language studies are included in [Group 2003 Language Studies](#).
- l) Historical linguistics is included in [Group 2004 Linguistics](#).
- m) History of peoples, nations or geographic areas is included in [Group 2103 Historical Studies](#).

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### SOCIO-ECONOMIC OBJECTIVE

This section contains the following subsection :

[SECTOR A DEFENCE](#)

[DIVISION 81 DEFENCE](#)

[SECTOR B ECONOMIC DEVELOPMENT](#)

[DIVISION 82 PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS](#)

[DIVISION 83 ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS](#)

[DIVISION 84 MINERAL RESOURCES \(EXCL. ENERGY RESOURCES\)](#)

[DIVISION 85 ENERGY](#)

[DIVISION 86 MANUFACTURING](#)

[DIVISION 87 CONSTRUCTION](#)

[DIVISION 88 TRANSPORT](#)

[DIVISION 89 INFORMATION AND COMMUNICATION SERVICES](#)

[DIVISION 90 COMMERCIAL SERVICES AND TOURISM](#)

[DIVISION 91 ECONOMIC FRAMEWORK](#)

[SECTOR C SOCIETY](#)

[DIVISION 92 HEALTH](#)

[DIVISION 93 EDUCATION AND TRAINING](#)

[DIVISION 94 LAW, POLITICS AND COMMUNITY SERVICES](#)

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This sector covers R&D directed towards the development of defence or national security, and the development and testing of military or defence related equipment and materials. It includes R&D undertaken for military reasons regardless of their content or whether they have secondary civil applications, and nuclear and space R&D undertaken for military purposes.

This sector has one division.

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This division has one group.

This section contains the following subsection :

[GROUP 8101 DEFENCE](#)

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This group has ten objectives:

810101 Air Force  
810102 Army  
810103 Command, Control and Communications  
810104 Emerging Defence Technologies  
810105 Intelligence  
810106 Logistics  
810107 National Security  
810108 Navy  
810109 Personnel  
810199 Defence not elsewhere classified

### Exclusions:

- Improvement of methods of producing or processing military or defence related equipment and materials are included in the appropriate groups in other divisions, e.g. military transport equipment is included in [Group 8613 Transport Equipment](#).
- Civil oriented projects although funded by defence agencies are included in the appropriate groups in other divisions, e.g. communication is included in [Group 8901 Communication Networks and Services](#).
- Development of measurement standards and calibration for defence related products and processes are included in [Group 9105 Measurement Standards and Calibration Services](#).
- R&D directed towards improving relationship with other countries for the purpose of improving national and international defence and security is included in [Group 9403 International Relations](#).

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This sector covers R&D which is directed towards the improvement of economic and industrial activities, and towards the framework in which the economy operates. Such improvements may have wider benefits, but these are not the principal objectives.

This sector has ten divisions:

- 82 Plant Production and Plant Primary Products
- 83 Animal Production and Animal Primary Products
- 84 Mineral Resources (excl. Energy Resources)
- 85 Energy
- 86 Manufacturing
- 87 Construction
- 88 Transport
- 89 Information and Communication Services
- 90 Commercial Services and Tourism
- 91 Economic Framework

### Exclusions:

- a) The provision of medical, health, education, training, community and cultural services on a non-commercial basis is included in [Sector C Society](#).
- b) The improvement of the environment without the principal objective of improving economic activities is included in [Sector D Environment](#).

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This division covers R&D directed towards improving the characteristics, propagation and growing of crops, plantation forests and the production of associated primary plant products.

It includes:

- forestry;
- horticultural, grain and oilseed crops;
- crops principally intended for industrial applications (industrial crops);
- post-harvest processing, preparation, handling, and storage of primary plant products; and
- environmentally sustainable plant production.

This division has eight groups.

8201 Forestry

8202 Horticultural Crops

8203 Industrial Crops

8204 Summer Grains and Oilseeds

8205 Winter Grains and Oilseeds

8206 Harvesting and Packing of Plant Products

8298 Environmentally Sustainable Plant Production

8299 Other Plant Production and Plant Primary Products

### Exclusions:

a) Growing of pasture, browse and fodder crops, other than cereals grown either partially or entirely for use as fodder or feed grain, is included in [Division 83 Animal Production and Animal Primary Products](#).

b) Production of biofuels from plant products is included in [Group 8503 Preparation and Production of Energy](#)

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- c) Manufacture of processed plant products and their primary products other than biofuels is included in [Division 86 Manufacturing.](#)
- d) Transportation of plants and plant products other than forest products is included in [Division 88 Transport.](#)
- e) Operation of irrigation systems and the provision of waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management enterprises are included in [Group 9004 Water and Waste Services.](#)
- f) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in agricultural environments are included in [Division 96 Environment.](#)

This section contains the following subsection :

[GROUP 8201 FORESTRY](#)

[GROUP 8202 HORTICULTURAL CROPS](#)

[GROUP 8203 INDUSTRIAL CROPS](#)

[GROUP 8204 SUMMER GRAINS AND OILSEEDS](#)

[GROUP 8205 WINTER GRAINS AND OILSEEDS](#)

[GROUP 8206 HARVESTING AND PACKING OF PLANT PRODUCTS](#)

[GROUP 8298 ENVIRONMENTALLY SUSTAINABLE PLANT PRODUCTION](#)

[GROUP 8299 OTHER PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS](#)

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This group covers R&D directed towards improving the operation, maintenance and protection (including forest fire fighting and control) of native forests, softwood and hardwood plantations. It includes harvesting and transportation of wood and other forest products from forests and plantations and the integration of farm and forestry.

This group has six objectives:

820101 Hardwood Plantations  
820102 Harvesting and Transport of Forest Products  
820103 Integration of Farm and Forestry  
820104 Native Forests  
820105 Softwood Plantations  
820199 Forestry not elsewhere classified

### Exclusions:

- Management of environmental impacts from forestry is included in [Group 8298 Environmentally Sustainable Plant Production](#).
- Processing or manufacture of wood, wood and paper products other than prefabricated wooden buildings or wooden furniture is included in [Group 8605 Wood, Wood Products and Paper](#).
- Manufacture of prefabricated wooden buildings and wooden furniture is included in [Group 8699 Other Manufacturing](#).
- Forest fires that do not affect forestry or other agricultural production are included in [Group 9610 Natural Hazards](#).

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HORTICULTURAL CROPS

This group covers R&D directed towards improving the characteristics, propagation and growing of horticultural crops.

It includes:

- fruit, vegetables and nuts;
- mushrooms;
- ornamental plants, nursery plants and Australian and New Zealand native plants.

This group has sixteen objectives:

820201 Almonds  
820202 Berry Fruit (excl. Kiwifruit)  
820203 Citrus Fruit  
820204 Hops  
820205 Kiwifruit  
820206 Macadamias  
820207 Mushrooms and Truffles  
820208 Olives  
820209 Ornamentals, Natives, Flowers and Nursery Plants  
820210 Pome Fruit, Pip Fruit  
820211 Stone Fruit  
820212 Table Grapes  
820213 Tree Nuts (excl. Almonds and Macadamias)  
820214 Tropical Fruit

820215 Vegetables

820299 Horticultural Crops not elsewhere classified

**Exclusions:**

- a) Wine grapes are included in [Group 8203 Industrial Crops](#).
- b) Harvesting and packing of fresh fruits and vegetables is included in [Group 8206 Harvesting and Packing of Plant Products](#).
- c) Management of environmental impacts from production of horticultural crops is included in [Group 8298 Environmentally Sustainable Plant Production](#).
- d) Manufacture of any processed products from horticultural plants is included in [Division 86 Manufacturing](#).
- e) Operation of irrigation systems is included in [Group 9004 Water and Waste Services](#).

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INDUSTRIAL CROPS

This group covers R&D directed towards improving the characteristics and growing of crops principally intended for industrial applications such as sugar cane, cotton, wine grapes, tobacco, and plants from which essential oils are extracted.

This group has seven objectives:

820301 Cotton

820302 Essential Oil Crops (e.g. Tea Tree, Eucalyptus, Lavender, Peppermint, Boronia, Sandalwood)

820303 Plant Extract Crops (e.g. Pyrethrum, Jojoba)

820304 Sugar

820305 Tobacco

820306 Wine Grapes

820399 Industrial Crops not elsewhere classified

### Exclusions:

- Table grapes are included in [Group 8202 Horticultural Crops](#).
- Harvesting and packing of unprocessed industrial crops is included in [Group 8206 Harvesting and Packing of Plant Products](#).
- Management of environmental impacts from production of industrial crops is included in [Group 8298 Environmentally Sustainable Plant Production](#).
- Manufacture of processed products from these plants is included in [Division 86 Manufacturing](#).
- Operation of irrigation systems is included in [Group 9004 Water and Waste Services](#).

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This group covers R&D directed towards improving the characteristics and growing of summer grains and oilseeds, including cereals grown either partially or entirely for use as fodder or feed grain.

This group has six objectives:

820401 Maize

820402 Rice

820403 Safflower Seed

820404 Sorghum

820405 Soybeans

820499 Summer Grains and Oilseeds not elsewhere classified

### Exclusions:

a) Harvesting and packing of unprocessed grains and oilseeds is included in [Group 8206 Harvesting and Packing of Plant Products](#).

b) Management of environmental impacts from production of summer grains and oilseeds is included in [Group 8298 Environmentally Sustainable Plant Production](#).

c) Manufacture of processed products from these plants is included in [Division 86 Manufacturing](#).

d) Operation of irrigation systems is included in [Group 9004 Water and Waste Services](#).

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This group covers R&D directed towards improving the characteristics and growing of winter grains and oilseeds, including cereals grown either partially or entirely for use as fodder or feed grain.

This group has eight objectives:

820501 Barley  
820502 Canola  
820503 Grain Legumes  
820504 Linseed  
820505 Lupins  
820506 Oats  
820507 Wheat  
820599 Winter Grains and Oilseeds not elsewhere classified

### Exclusions:

- Harvesting and packing of unprocessed grains and oilseeds is included in [Group 8206 Harvesting and Packing of Plant Products](#).
- Management of environmental impacts from production of winter grains and oilseeds is included in [Group 8298 Environmentally Sustainable Plant Production](#).
- Manufacture of processed products from these plants is included in [Division 86 Manufacturing](#).
- Operation of irrigation systems is included in [Group 9004 Water and Waste Services](#).

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HARVESTING AND PACKING OF PLANT PRODUCTS

This group covers R&D directed towards improving technologies, processes and methods used for harvesting, handling and packing of plant products, other than forest products.

This group has eight objectives:

- 820601 Cotton Lint and Cotton Seed
- 820602 Fresh Fruits and Vegetables (Post Harvest)
- 820603 Sugar Cane (Cut for Crushing)
- 820604 Tobacco Leaf
- 820605 Unprocessed Grains
- 820606 Unprocessed Industrial Crops (excl. Sugar, Tobacco and Cotton)
- 820607 Unprocessed Oilseeds
- 820699 Harvesting and Packing of Plant Products not elsewhere classified

### Exclusions:

- a) Harvesting and transport of forest products is included in [Group 8201 Forestry](#).
- b) Improvement of the characteristics, propagation and growing of crops from which these plant products are obtained are included in Groups [8202 Horticultural Crops](#), [8203 Industrial Crops](#), [8204 Summer Grains and Oilseeds](#) and [8205 Winter Grains and Oilseeds](#).
- c) Production of biofuels from plant products is included in [Group 8503 Preparation and Production of Energy Sources](#).
- d) Manufacture of products other than biofuels from further processing of these plant products is included in [Division 86 Manufacturing](#).

e) Transportation of plant products other than forest products is included in [Division 88 Transport](#).

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ENVIRONMENTALLY SUSTAINABLE PLANT PRODUCTION

This group covers R&D directed towards environmentally sustainable production of plants and plant primary products by minimising the generation of emissions and waste and by reducing or optimising the consumption of water and other natural resources.

This group has six objectives:

829801 Management of Gaseous Waste from Plant Production (excl. Greenhouse Gases)

829802 Management of Greenhouse Gas Emissions from Plant Production

829803 Management of Liquid Waste from Plant Production (excl. Water)

829804 Management of Solid Waste from Plant Production

829805 Management of Water Consumption by Plant Production

829899 Environmentally Sustainable Plant Production not elsewhere classified

### Exclusions:

a) Minimisation of input waste (other than water and energy) is to be categorised according to the objective that benefits from the improvement of input use.

b) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management enterprises are included in [Group 9004 Water and Waste Services](#).

c) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in agricultural environments are included in [Division 96 Environment](#).

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This group covers R&D directed towards plant production and plant primary products not elsewhere classified.

It includes the traceability and quality assurance of plant products.

This group has three objectives:

829901 Forest Product Traceability and Quality Assurance

829902 Plant Product Traceability and Quality Assurance (excl. Forest Products)

829999 Plant Production and Plant Primary Products not elsewhere classified

### Exclusions:

a) Growing of pasture, browse and fodder crops, other than cereals grown either partially or entirely for use as fodder or feed grain, is included in [Division 83 Animal Production and Animal Primary Products](#).

b) Production of biofuels from plant products is included in [Group 8503 Preparation and Production of Energy Sources](#).

c) Manufacture of processed plant products and their primary products other than biofuels is included in [Division 86 Manufacturing](#).

d) Transportation of plants and plant products other than forest products is included in [Division 88 Transport](#).

e) Operation of irrigation systems and the provision of waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management enterprises are included in [Group 9004 Water and Waste Services](#).

f) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and

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This division covers R&D directed towards breeding and farming livestock and the production of associated primary livestock products.

It includes:

- growing pasture, browse and fodder crops;
- aquaculture, commercial and recreational fishing;
- the preparation of primary livestock products; and
- environmentally sustainable animal production.

This division has seven groups.

8301 Fisheries - Aquaculture

8302 Fisheries - Wild Caught

8303 Livestock Raising

8304 Pasture, Browse and Fodder Crops

8305 Primary Animal Products

8398 Environmentally Sustainable Animal Production

8399 Other Animal Production and Animal Primary Products

### Exclusions:

a) Cereal crops grown for both grain and fodder or for feed grain or fodder alone are included in [Division 82 Plant Production and Plant Primary Products](#).

b) The manufacture of processed animal products, including fish, and their primary products is included in the appropriate groups in [Division 86 Manufacturing](#).

c) Transportation of live animals or animal products is included in [Division 88 Transport](#).

d) Operation of irrigation systems and the provision of waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management enterprises are included in [Group 9004 Water and Waste Services](#).

e) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in agricultural environments are included in [Division 96 Environment](#).

This section contains the following subsection :

[GROUP 8301 FISHERIES - AQUACULTURE](#)

[GROUP 8302 FISHERIES - WILD CAUGHT](#)

[GROUP 8303 LIVESTOCK RAISING](#)

[GROUP 8304 PASTURE, BROWSE AND FODDER CROPS](#)

[GROUP 8305 PRIMARY ANIMAL PRODUCTS](#)

[GROUP 8398 ENVIRONMENTALLY SUSTAINABLE ANIMAL PRODUCTION](#)

[GROUP 8399 OTHER ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS](#)

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FISHERIES - AQUACULTURE

This group covers R&D directed towards improving the characteristics and harvesting of fisheries grown or farmed in aquaculture either for commercial or other reasons.

This group has eight objectives:

830101 Aquaculture Crustaceans (excl. Rock Lobster and Prawns)

830102 Aquaculture Fin Fish (excl. Tuna)

830103 Aquaculture Molluscs (excl. Oysters)

830104 Aquaculture Oysters

830105 Aquaculture Prawns

830106 Aquaculture Rock Lobster

830107 Aquaculture Tuna

830199 Fisheries - Aquaculture not elsewhere classified

### Exclusions:

a) Improving the characteristics and harvesting of fisheries caught in the wild is included in [Group 8302 Fisheries - Wild Caught](#).

b) Preparation, handling and storage of unprocessed or minimally processed fish is included in [Group 8305 Primary Animal Products](#).

c) Fish welfare and fish products traceability and quality assurance are included in [Group 8399 Other Animal Production and Animal Primary Products](#).

d) Manufacture of processed fish and seafood products and their primary products is included in [Group 8601 Processed Food Products and Beverages \(excl. Dairy Products\)](#).

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FISHERIES - WILD CAUGHT

This group covers R&D directed towards improving the characteristics and harvesting of fisheries caught in the wild for commercial or recreational reasons.

This group has eight objectives:

- 830201 Fisheries - Recreational
- 830202 Wild Caught Crustaceans (excl. Rock Lobster and Prawns)
- 830203 Wild Caught Edible Molluscs
- 830204 Wild Caught Fin Fish (excl. Tuna)
- 830205 Wild Caught Prawns
- 830206 Wild Caught Rock Lobster
- 830207 Wild Caught Tuna
- 830299 Fisheries - Wild Caught not elsewhere classified

### Exclusions:

- a) Improvement of the characteristics and harvesting of aquaculture fisheries is included in [Group 8301 Fisheries - Aquaculture](#).
- b) Preparation, handling and storage of unprocessed or minimally processed fisheries products is included in [Group 8305 Primary Animal Products](#).
- c) Fish welfare and fish products traceability and quality assurance are included in [Group 8399 Other Animal Production and Animal Primary Products](#).
- d) Manufacture of processed fish and seafood products and their primary products is included in [Group 8601 Processed Food Products and Beverages \(excl. Dairy Products\)](#).

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LIVESTOCK RAISING

This group covers R&D directed towards farming or breeding livestock. It includes beekeeping and pet breeding.

This group has twelve objectives:

830301 Beef Cattle

830302 Dairy Cattle

830303 Deer

830304 Goats

830305 Game Livestock (e.g. Kangaroos, Wallabies, Camels, Buffaloes, Possums)

830306 Horses

830307 Minor Livestock (e.g. Alpacas, Ostriches, Crocodiles, Farmed Rabbits)

830308 Pigs

830309 Poultry

830310 Sheep - Meat

830311 Sheep - Wool

830399 Livestock Raising not elsewhere classified

### Exclusions:

a) Preparation, handling, and storage of primary livestock products, e.g. unprocessed milk, raw wool, raw hides and skins, is included in [Group 8305 Primary Animal Products](#).

b) Animal welfare and livestock product traceability and quality assurance are included in [Group 8399 Other Animal Production and Animal Primary Products](#).

c) Manufacture of processed livestock products, e.g. processed milk and processed skins, is included in

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PASTURE, BROWSE AND FODDER CROPS

This group covers R&D directed towards growing sown legumes, sown grasses, browse and fodder crops, native vegetation and any other pasture crops. It includes R&D directed towards harvesting, preparation and storage of pasture, browse and fodder crops.

This group has seven objectives:

830401 Browse Crops

830402 Lucerne

830403 Native and Residual Pastures

830404 Non-Cereal Crops for Hay

830405 Non-Cereal Crops for Silage/Green Feed

830406 Sown Pastures (excl. Lucerne)

830499 Pasture, Browse and Fodder Crops not elsewhere classified

### Exclusions:

a) Growing grain, oilseed, industrial and horticultural crops, including cereals grown either partially or entirely for use as fodder or feed grain is included in [Division 82 Plant Production and Plant Primary Products](#).

b) Operation of irrigation systems is included in [Group 9004 Water and Waste Services](#).

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### PRIMARY ANIMAL PRODUCTS

This group covers R&D directed towards improving the preparation, handling or storage of primary animal products such as eggs, honey, raw wool, unprocessed or minimally processed fish or milk, and other animal fibres, hides and skins.

This group has eight objectives:

830501 Eggs  
830502 Honey  
830503 Live Animals  
830504 Pearls  
830505 Raw Wool  
830506 Unprocessed or Minimally Processed Fish  
830507 Unprocessed or Minimally Processed Milk  
830599 Primary Animal Products not elsewhere classified

### Exclusions:

- Improving the characteristics and harvesting of fisheries is included in Groups [8301 Fisheries - Aquaculture](#) and [8302 Fisheries - Wild Caught](#).
- Raising livestock from which these products are obtained is included in [Group 8303 Livestock Raising](#).
- Animal welfare is included in [Group 8399 Other Animal Production and Animal Primary Products](#).
- Manufacture of processed products from primary animal products is included in [Division 86 Manufacturing](#).
- Transportation of live animals or animal products is included in [Division 88 Transport](#).

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This group covers R&D directed towards environmentally sustainable production of animals and animal primary products by minimising the generation of emissions and waste and by reducing or optimising the consumption of water and other natural resources.

This group has six objectives:

839801 Management of Gaseous Waste from Animal Production (excl. Greenhouse Gases)

839802 Management of Greenhouse Gas Emissions from Animal Production

839803 Management of Liquid Waste from Animal Production (excl. Water)

839804 Management of Solid Waste from Animal Production

839805 Management of Water Consumption by Animal Production

839899 Environmentally Sustainable Animal Production not elsewhere classified

### Exclusions:

a) Minimisation of input waste (other than water and energy) is to be categorised according to the objective that benefits from the improvement of input use.

b) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).

c) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in agricultural environments are included in [Division 96 Environment](#).

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ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS

This group covers R&D directed towards animal production and animal primary products not elsewhere classified.

It includes:

- animal welfare, both in agricultural production and in domestic situations; and
- traceability and quality assurance of livestock and fish products.

This group has four objectives:

839901 Animal Welfare

839902 Fish Product Traceability and Quality Assurance

839903 Livestock Product Traceability and Quality Assurance

839999 Animal Production and Animal Primary Products not elsewhere classified

### Exclusions:

- a) Cereal crops grown for both grain and fodder or for feed grain or fodder alone are included in [Division 82 Plant Production and Plant Primary Products](#).
- b) The manufacture of processed animal products, including fish, and their primary products is included in the appropriate groups in [Division 86 Manufacturing](#).
- c) Transportation of live animals or animal products is included in [Division 88 Transport](#).
- d) Operation of irrigation systems and the provision of waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management enterprises are included in [Group 9004 Water and Waste Services](#).

e) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in agricultural environments are included in [Division 96 Environment](#).

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This division covers R&D which primarily benefits or has application to the exploration, mining, extraction and processing of mineral resources, other than energy mineral resources. It includes R&D directed towards environmentally sustainable exploration, extraction and processing of mineral resources.

This division has five groups.

8401 Mineral Exploration

8402 Primary Mining and Extraction of Mineral Resources

8403 First Stage Treatment of Ores and Minerals

8498 Environmentally Sustainable Mineral Resource Activities

8499 Other Mineral Resources (excl. Energy Resources)

### Exclusions:

a) Exploration, mining, extraction, and preparation of energy mineral resources and energy conservation and efficiency are included in [Division 85 Energy](#).

b) Manufacture of processed products from mineral resources, including refining and smelting, is included in [Division 86 Manufacturing](#).

c) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments are included in [Division 96 Environment](#).

This section contains the following subsection :

[GROUP 8401 MINERAL EXPLORATION](#)

[GROUP 8402 PRIMARY MINING AND EXTRACTION OF MINERAL RESOURCES](#)

[GROUP 8403 FIRST STAGE TREATMENT OF ORES AND MINERALS](#)

[GROUP 8498 ENVIRONMENTALLY SUSTAINABLE MINERAL RESOURCE ACTIVITIES](#)

[GROUP 8499 OTHER MINERAL RESOURCES \(EXCL. ENERGY RESOURCES\)](#)

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This group covers R&D directed towards exploration for minerals, other than energy mineral resources. It includes precious and semi-precious stones and mineral sands.

This group has nine objectives:

- 840101 Aluminium Ore Exploration
- 840102 Copper Ore Exploration
- 840103 Diamond Exploration
- 840104 Iron Ore Exploration
- 840105 Precious (Noble) Metal Ore Exploration
- 840106 Stone and Clay Exploration
- 840107 Titanium Minerals, Zircon, and Rare Earth Metal Ore (e.g. Monazite) Exploration
- 840108 Zinc Ore Exploration
- 840199 Mineral Exploration not elsewhere classified

### Exclusions:

- a) Exploration for energy mineral resources is included in [Group 8501 Energy Exploration](#).
- b) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments are included in [Division 96 Environment](#).

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This group covers R&D directed towards mining and extracting minerals, other than energy mineral resources.

It includes precious and semi-precious stones and mineral sands.

This group has nine objectives:

840201 Mining and Extraction of Aluminium Ores

840202 Mining and Extraction of Copper Ores

840203 Mining and Extraction of Diamonds

840204 Mining and Extraction of Iron Ores

840205 Mining and Extraction of Precious (Noble) Metal Ores

840206 Mining and Extraction of Stone and Clay

840207 Mining and Extraction of Titanium Minerals, Zircon, and Rare Earth Metal Ores (e.g. Monazite)

840208 Mining and Extraction of Zinc Ores

840299 Primary Mining and Extraction of Mineral Resources not elsewhere classified

### Exclusions:

a) Mining and extraction of energy mineral resources are included in [Group 8502 Mining and Extraction of Energy Resources](#).

b) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments are included in [Division 96 Environment](#).

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This group covers R&D directed towards processing minerals, other than energy mineral resources.

It includes:

- beneficiated iron ore and other base metal intermediates;
- alumina and other non-ferrous metal intermediates;
- precious metals, heavy mineral sands and other mineral and metal ore intermediate products; and
- processing diamonds and other precious and semi-precious stones prior to the cut gem stage.

This group has seven objectives:

840301 Alumina Production

840302 Beneficiation of Bauxite and Aluminium Ores (excl. Alumina Production)

840303 Beneficiation or Dressing of Iron Ores

840304 Beneficiation or Dressing of Non-Metallic Minerals (incl. Diamonds)

840305 Concentrating Processes of Base Metal Ores (excl. Aluminium and Iron Ores)

840306 Production of Unrefined Precious Metal Ingots and Concentrates

840399 First Stage Treatment of Ores and Minerals not elsewhere classified

### Exclusions:

a) Preparation and supply of energy mineral resources is included in [Group 8503 Preparation and Production of Energy Sources](#).

b) Manufacture of processed mineral products (including refining and smelting) is included in Groups [8610 Ceramics, Glass and Industrial Mineral Products](#) and [8611 Basic Metal Products \(incl. Smelting, Rolling, Drawing and Extruding\)](#).

c) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments are included in [Division 96 Environment](#).

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ENVIRONMENTALLY SUSTAINABLE MINERAL RESOURCE ACTIVITIES

This group covers R&D directed towards environmentally sustainable exploration, mining, extraction, and processing of mineral resources, other than energy mineral resources, by minimising the generation of wastes and by reducing or optimising the consumption of water and other natural resources.

This group has six objectives:

849801 Management of Gaseous Waste from Mineral Resource Activities (excl. Greenhouse Gases)

849802 Management of Greenhouse Gas Emissions from Mineral Resource Activities

849803 Management of Liquid Waste from Mineral Resource Activities (excl. Water)

849804 Management of Solid Waste from Mineral Resource Activities

849805 Management of Water Consumption by Mineral Resource Activities

849899 Environmentally Sustainable Mineral Resource Activities not elsewhere classified

### Exclusions:

a) Minimisation of input waste (other than water and energy) is to be categorised according to the objective that benefits from the improvement of input use.

b) Energy conservation and efficiency in mining activities is included in [Group 8507 Energy Conservation and Efficiency](#).

c) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).

d) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments are included in [Division 96](#)

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This group covers R&D directed towards mineral resource activities, other than energy mineral resource activities, not elsewhere classified.

This group has one objective:

849999 Mineral Resources (excl. Energy Resources) not elsewhere classified

### Exclusions:

- a) Exploration, mining, extraction, and preparation of energy mineral resources and energy conservation and efficiency are included in [Division 85 Energy](#).
- b) Manufacture of processed products from mineral resources, including refining and smelting, is included in [Division 86 Manufacturing](#).
- c) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments are included in [Division 96 Environment](#).

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This division covers R&D directed towards energy resources and the supply of energy.

It includes:

- exploration, mining, extraction, preparation and supply of energy mineral resources;
- energy production, transformation, storage, distribution and supply;
- efficient use and conservation of energy; and
- environmental sustainability of energy activities.

This division has nine groups.

8501 Energy Exploration

8502 Mining and Extraction of Energy Resources

8503 Preparation and Production of Energy Sources

8504 Energy Transformation

8505 Renewable Energy

8506 Energy Storage, Distribution and Supply

8507 Energy Conservation and Efficiency

8598 Environmentally Sustainable Energy Activities

8599 Other Energy

### Exclusions:

a) The characteristics, propagation, growing and harvesting of crops for use as biomass or conversion to biofuels is included in [Division 82 Plant Production and Plant Primary Products](#).

b) Production of non-energy mineral resources is included in [Division 84 Mineral Resources \(excl. Energy Resources\)](#).

- c) Manufacture of processed products from energy mineral resources (e.g. lubricants, plastics, synthetic resins and paints) is included in [Division 86 Manufacturing](#).
- d) Design of buildings to minimise energy consumption in the finished building is included in [Group 8702 Construction Design](#).
- e) Distribution of non-energy products, other than water, through pipelines is included in [Group 8899 Other Transport](#).
- f) Water distribution and waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).
- g) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments or other environments affected by energy activities and greenhouse gas sequestration are included in [Division 96 Environment](#).

This section contains the following subsection :

- [GROUP 8501 ENERGY EXPLORATION](#)
- [GROUP 8502 MINING AND EXTRACTION OF ENERGY RESOURCES](#)
- [GROUP 8503 PREPARATION AND PRODUCTION OF ENERGY SOURCES](#)
- [GROUP 8504 ENERGY TRANSFORMATION](#)
- [GROUP 8505 RENEWABLE ENERGY](#)
- [GROUP 8506 ENERGY STORAGE, DISTRIBUTION AND SUPPLY](#)
- [GROUP 8507 ENERGY CONSERVATION AND EFFICIENCY](#)
- [GROUP 8598 ENVIRONMENTALLY SUSTAINABLE ENERGY ACTIVITIES](#)
- [GROUP 8599 OTHER ENERGY](#)

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This group covers R&D directed towards exploration for energy mineral and geothermal energy resources.

This group has six objectives:

850101 Coal Exploration  
850102 Geothermal Exploration  
850103 Oil and Gas Exploration  
850104 Oil Shale and Tar Sands Exploration  
850105 Uranium Exploration  
850199 Energy Exploration not elsewhere classified

### Exclusions:

- a) Exploration for non-energy mineral resources is included in [Group 8401 Mineral Exploration](#).  
b) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments are included in [Division 96](#)

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This group covers R&D directed towards mining and extracting energy mineral resources, as well as the extraction of geothermal energy.

This group has six objectives:

850201 Coal Mining and Extraction  
850202 Geothermal Energy Extraction  
850203 Oil and Gas Extraction  
850204 Oil Shale and Tar Sands Mining and Extraction  
850205 Uranium Mining and Extraction  
850299 Mining and Extraction of Energy Resources not elsewhere classified

### Exclusions:

- a) Mining and extraction of non-energy mineral resources are included in [Group 8402 Primary Mining and Extraction of Mineral Resources](#).
- b) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments are included in [Division 96 Environment](#).

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This group covers R&D directed towards the preparation and supply of energy resources, including the production of hydrogen from other energy sources and biofuel production.

This group has ten objectives:

- 850301 Hydrogen Production from Fossil Fuels
- 850302 Hydrogen Production from Nuclear Energy
- 850303 Hydrogen Production from Renewable Energy
- 850304 Oil and Gas Refining
- 850305 Preparation of Black Coal
- 850306 Preparation of Brown Coal (Lignite)
- 850307 Preparation of Oil Shale and Tar Sands
- 850308 Preparation of Uranium
- 850309 Production of Biofuels (Biomass)
- 850399 Preparation and Production of Energy Sources not elsewhere classified

### Exclusions:

- a) The characteristics, propagation, growing and harvesting of crops for use as biomass or conversion to biofuels is included in [Division 82 Plant Production and Plant Primary Products](#).
- b) The processing of non-energy mineral resources is included in [Group 8403 First Stage Treatment of Ores and Minerals](#).

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This group covers R&D directed towards the transformation of energy resource minerals into heat, steam or electricity; and the conversion of coal, natural gas, oil shale and tar sands to liquid fuels. It includes hydrogen-based energy systems and fuel cells.

This group has eleven objectives:

- 850401 Fuel Cells (excl. Solid Oxide)
- 850402 Hydrogen-based Energy Systems (incl. Internal Hydrogen Combustion Engines)
- 850403 Nuclear Energy
- 850404 Solid Oxide Fuel Cells
- 850405 Transformation of Black Coal into Electricity
- 850406 Transformation of Brown Coal (Lignite) into Electricity
- 850407 Transformation of Coal into Gaseous Fuels
- 850408 Transformation of Coal into Liquid Fuels
- 850409 Transformation of Gas into Electricity
- 850410 Transformation of Gas into Liquid Fuels
- 850499 Energy Transformation not elsewhere classified

### Exclusions:

- a) Transformation of renewable energy resources into heat, steam or electricity is included in [Group 8505 Renewable Energy](#).
- b) Engines for use in transport other than internal hydrogen combustion engines are included in [Group 8613 Transport Equipment](#).

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This group covers R&D directed towards the conversion of renewable energy resources into heat, steam or electricity, and improving the generation and supply of renewable energy.

This group has ten objectives:

850501 Biofuel (Biomass) Energy  
850502 Geothermal Energy  
850503 Hydro-Electric Energy  
850504 Solar-Photovoltaic Energy  
850505 Solar-Thermal Electric Energy  
850506 Solar-Thermal Energy  
850507 Tidal Energy  
850508 Wave Energy  
850509 Wind Energy  
850599 Renewable Energy not elsewhere classified

### Exclusions:

- Hydrogen production from renewable energy sources is included in [Group 8503 Preparation and Production of Energy Sources](#).
- Fuel cells and hydrogen-based energy systems are included in [Group 8504 Energy Transformation](#).

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This group covers R&D directed towards improving energy distribution including electricity and gas transmission and distribution.

It includes:

- energy storage;
- energy systems analysis;
- transmission and distribution of energy and energy products through cabling and pipelines;
- supply of energy and energy products to commerce, industry and households.

This group has seven objectives:

850601 Energy Services and Utilities  
850602 Energy Storage (excl. Hydrogen)  
850603 Energy Systems Analysis  
850604 Energy Transmission and Distribution (excl. Hydrogen)  
850605 Hydrogen Distribution  
850606 Hydrogen Storage  
850699 Energy Storage, Distribution and Supply not elsewhere classified

### Exclusions:

- a) Distribution of non-energy products, other than water, through pipelines is included in [Group 8899 Other Transport](#).
- b) Distribution of water is included in [Group 9004 Water and Waste Services](#).

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This group covers R&D directed towards the conservation and efficient use of energy in industry, transport, commerce and households. It includes energy used in forms such as petroleum products, electricity, gas, coke and briquettes and in the form of heat energy.

This group has five objectives:

850701 Commercial Energy Conservation and Efficiency  
850702 Energy Conservation and Efficiency in Transport  
850703 Industrial Energy Conservation and Efficiency  
850704 Residential Energy Conservation and Efficiency  
850799 Energy Conservation and Efficiency not elsewhere classified

### Exclusions:

a) Design of buildings to minimise energy consumption in the finished building is included in [Group 8702 Construction Design](#).

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This group covers R&D directed towards environmentally sustainable exploration, mining, extraction, preparation and processing of energy mineral resources, and the transformation, storage, distribution and supply of energy by minimising the generation of emissions and wastes and by reducing or optimising the consumption of water and other natural resources.

This group has seven objectives:

- 859801 Management of Gaseous Waste from Energy Activities (excl. Greenhouse Gases)
- 859802 Management of Greenhouse Gas Emissions from Electricity Generation
- 859803 Management of Greenhouse Gas Emissions from Energy Activities (excl. Electricity Generation)
- 859804 Management of Liquid Waste from Energy Activities (excl. Water)
- 859805 Management of Solid Waste from Energy Activities
- 859806 Management of Water Consumption by Energy Activities
- 859899 Environmentally Sustainable Energy Activities not elsewhere classified

### Exclusions:

- a) Minimisation of input waste (other than water and energy) is to be categorised according to the objective that benefits from the improvement of input use.
- b) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).
- c) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments or other environments affected by energy activities and greenhouse gas sequestration are included in [Division 96 Environment](#).

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This group covers R&D directed towards energy activities not elsewhere classified.

This group has one objective:

859999 Energy not elsewhere classified

### Exclusions:

- The characteristics, propagation, growing and harvesting of crops for use as biomass or conversion to biofuels is included in [Division 82 Plant Production and Plant Primary Products](#).
- Production of non-energy mineral resources is included in [Division 84 Mineral Resources \(excl. Energy Resources\)](#).
- Manufacture of processed products from energy mineral resources (e.g. lubricants, plastics, synthetic resins and paints) is included in [Division 86 Manufacturing](#).
- Design of buildings to minimise energy consumption in the finished building is included in [Group 8702 Construction Design](#).
- Distribution of non-energy products, other than water, through pipelines is included in [Group 8899 Other Transport](#).
- Water distribution and waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).
- Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in mining environments or other environments affected by

energy activities and greenhouse gas sequestration are included in [Division 96 Environment](#).

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This division covers R&D directed towards refining and developing processes or strategies for transforming processed or unprocessed materials or components into new products.

It also includes R&D directed towards environmentally sustainable production of manufactured products and materials.

This division has nineteen groups.

8601 Processed Food Products and Beverages (excl. Dairy Products)

8602 Dairy Products

8603 Processed Non-Food Agriculture Products (excl. Wood, Paper and Fibre)

8604 Leather Products, Fibre Processing and Textiles

8605 Wood, Wood Products and Paper

8606 Industrial Chemicals and Related Products

8607 Agricultural Chemicals

8608 Human Pharmaceutical Products

8609 Veterinary Pharmaceutical Products

8610 Ceramics, Glass and Industrial Mineral Products

8611 Basic Metal Products (incl. Smelting, Rolling, Drawing and Extruding)

8612 Fabricated Metal Products

8613 Transport Equipment

8614 Machinery and Equipment

8615 Instrumentation

8616 Computer Hardware and Electronic Equipment

8617 Communication Equipment

8698 Environmentally Sustainable Manufacturing

8699 Other Manufacturing

**Exclusions:**

- a) Production of unprocessed or semi-processed plant primary products is included in [Division 82 Plant Production and Plant Primary Products](#).
- b) Production of animals from which raw materials for manufactured products are obtained are included in [Division 83 Animal Production and Animal Primary Products](#).
- c) Mining, extraction, and first stage processing of minerals are included in [Division 84 Mineral Resources \(excl. Energy Resources\)](#).
- d) Energy conservation and efficiency and the mining, extraction, and processing of energy resources used for the manufacture of products are included in [Division 85 Energy](#).
- e) The construction of transport infrastructure, installation of communication equipment and testing of the performance, durability and life cycle of manufactured building materials is included in [Division 87 Construction](#).
- f) Transport infrastructure (excluding its construction) is included in [Division 88 Transport](#).
- g) Use of electronic and communication equipment in communication networks and services is included in [Group 8901 Communication Networks and Services](#).
- h) Development of computer software and the provision of programming services are included in [Group 8902 Computer Software and Services](#).
- i) Printing and publishing of newspapers is included in [Group 8904 Media Services](#).
- j) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).
- k) Provision of measurement standards and calibration services for machinery, appliances and equipment is included in [Group 9105 Measurement Standards and Calibration Services](#).
- l) Use of human pharmaceutical products for treatment of human diseases and disorders and manufacturing related environmental health issues are included in the [Division 92 Health](#).

This section contains the following subsection :

[GROUP 8601 PROCESSED FOOD PRODUCTS AND BEVERAGES \(EXCL. DAIRY PRODUCTS\)](#)

[GROUP 8602 DAIRY PRODUCTS](#)

[GROUP 8603 PROCESSED NON-FOOD AGRICULTURE PRODUCTS \(EXCL. WOOD, PAPER AND FIBRE\)](#)

[GROUP 8604 LEATHER PRODUCTS, FIBRE PROCESSING AND TEXTILES](#)

[GROUP 8605 WOOD, WOOD PRODUCTS AND PAPER](#)

[GROUP 8606 INDUSTRIAL CHEMICALS AND RELATED PRODUCTS](#)

[GROUP 8607 AGRICULTURAL CHEMICALS](#)

[GROUP 8608 HUMAN PHARMACEUTICAL PRODUCTS](#)

[GROUP 8609 VETERINARY PHARMACEUTICAL PRODUCTS](#)

[GROUP 8610 CERAMICS, GLASS AND INDUSTRIAL MINERAL PRODUCTS](#)

[GROUP 8611 BASIC METAL PRODUCTS \(INCL. SMELTING, ROLLING, DRAWING AND EXTRUDING\)](#)

[GROUP 8612 FABRICATED METAL PRODUCTS](#)

[GROUP 8613 TRANSPORT EQUIPMENT](#)

[GROUP 8614 MACHINERY AND EQUIPMENT](#)

[GROUP 8615 INSTRUMENTATION](#)

[GROUP 8616 COMPUTER HARDWARE AND ELECTRONIC EQUIPMENT](#)

[GROUP 8617 COMMUNICATION EQUIPMENT](#)

[GROUP 8698 ENVIRONMENTALLY SUSTAINABLE MANUFACTURING](#)

[GROUP 8699 OTHER MANUFACTURING](#)

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This group covers R&D directed towards the manufacture of processed food and beverage products. It includes carcass meat, nutraceuticals and functional foods.

This group has twelve objectives:

860101 Bakery Products

860102 Beverages (excl. Fruit Juices)

860103 Carcass Meat (incl. Fish and Seafood)

860104 Flour Mill and Cereal Food

860105 Nutraceuticals and Functional Foods

860106 Oils and Fats (incl. Margarines)

860107 Processed Fish and Seafood Products

860108 Processed Fruit and Vegetable Products (incl. Fruit Juices)

860109 Processed Meat Products

860110 Soy Products

860111 Sugar and Confectionery Products

860199 Processed Food Products and Beverages (excl. Dairy Products) not elsewhere classified

### Exclusions:

a) Production of unprocessed or semi-processed plant primary products is included in [Division 82 Plant Production and Plant Primary Products](#).

b) Production of unprocessed or semi-processed animal primary products is included in [Division 83 Animal Production and Animal Primary Products](#).

c) Processing of milk into dairy products is included in [Group 8602 Dairy Products](#).

d) Production of feed for animal consumption is included in [Group 8603 Processed Non-Food Agriculture Products \(excl. Wood, Paper and Fibre\)](#).

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This group covers products derived from animal milk.

This group has six objectives:

860201 Butter and Milk-Derived Fats and Oils (excl. Cream)

860202 Casein

860203 Cheese

860204 Processed Milk and Cream (incl. Powder, Evaporated and Condensed)

860205 Whey

860299 Dairy Products not elsewhere classified

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This group covers R&D directed towards the processing of agricultural products not intended for human consumption, other than wood, paper and fibre products.

It includes:

- processing of plant extracts and essential oils;
- processing of organic fertilisers; and
- manufacture of animal feed.

This group has five objectives:

860301 Essential Oils (e.g. Tea Tree, Eucalyptus, Lavender, Peppermint, Boronia, Sandalwood)

860302 Organic Fertilisers

860303 Plant Extracts (e.g. Pyrethrum, Alkaloids, Jojoba Oil)

860304 Prepared Animal Feed

860399 Processed Non-Food Agricultural Products (excl. Wood, Paper and Fibre) not elsewhere classified

### Exclusions:

a) Production of whole plants, plant parts, and unprocessed or semi-processed plant primary products used for plant extracts or extraction of essential oils is included in [Division 82 Plant Production and Plant Primary Products](#).

b) Processing of agricultural products for food is included in Groups [8601 Processed Food Products and Beverages \(excl. Dairy Products\)](#) and [8602 Dairy Products](#).

c) Production of products from natural rubber is included in [Group 8606 Industrial Chemicals and Related](#)

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This group covers R&D directed towards the production of leather and textile products and fibre processing.

It includes:

- leather tanning and fur dressing;
- manufacturing footwear;
- manufacturing processed skins, leather and leather products;
- processing natural or synthetic fibres; and
- manufacturing of fabrics, clothing, ropes and twines, floor coverings and other made-up textile products.

This group has eight objectives:

860401 Clothing

860402 Cotton Ginning

860403 Natural Fibres, Yarns and Fabrics

860404 Non-Fabric Textiles (e.g. Felt)

860405 Processed Skins, Leather and Leather Products

860406 Synthetic Fibres, Yarns and Fabrics

860407 Wool Scouring and Top Making

860499 Leather Products, Fibre Processing and Textiles not elsewhere classified

### Exclusions:

a) Productions of plants or animals from which raw materials for these manufactured products are obtained are included in [Division 82 Plant Production and Plant Primary Products](#) or [Division 83 Animal Production and Animal Primary Products](#).

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This group covers R&D directed towards the processing of wood, and the manufacture of wood products, paper and paper products.

It includes:

- log sawmilling and wood chipping;
- timber dressing;
- manufacturing of wooden structural fittings;
- manufacturing of plywood and veneer and particle boards of wood;
- manufacturing of wood pulp and paper;
- manufacturing of paper products; and
- printing and publishing processes.

This group has six objectives:

860501 Paper Products (incl. Coated Paper)  
860502 Printing and Publishing Processes  
860503 Pulp and Paper  
860504 Reconstituted Timber Products (e.g. Chipboard, Particleboard)  
860505 Wood Sawing and Veneer  
860599 Wood, Wood Products and Paper not elsewhere classified

### Exclusions:

- a) Harvest and transportation of logs and forest products is included in [Group 8201 Forestry](#).
- b) Prefabrication of wooden buildings and the manufacture of wooden furniture are included in [Group 8699 Other Manufacturing](#).

c) Printing and publishing of newspapers and other media publications is included in [Group 8904 Media Services](#).

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This group covers R&D directed towards the manufacture of industrial chemicals and related products, including those derived from oil and gas refining.

It includes:

- industrial gases;
- rubber, synthetic resins and plastics;
- industrial chemicals, both organic and inorganic;
- lubricants and bituminous products; and
- soap, detergents, cosmetics and other toiletries.

This group has ten objectives:

860601 Industrial Gases  
860602 Inorganic Industrial Chemicals  
860603 Lubricants  
860604 Organic Industrial Chemicals (excl. Resins, Rubber and Plastics)  
860605 Paints  
860606 Plastics in Primary Forms  
860607 Plastic Products (incl. Construction Materials)  
860608 Rubber and Synthetic Resins  
860609 Soaps and Cosmetics  
860699 Industrial Chemicals and Related Products not elsewhere classified

### Exclusions:

a) Mining, extraction, and processing of energy resources used for the manufacture of industrial chemicals

and products and the production of chemicals intended for use as an energy source are included in [Division 85 Energy](#).

b) Manufacture of agricultural chemicals is included in [Group 8607 Agricultural Chemicals](#).

c) Manufacture of human pharmaceutical products is included in [Group 8608 Human Pharmaceutical Products](#).

d) Manufacture of veterinary pharmaceutical products is included in [Group 8609 Veterinary Pharmaceutical Products](#).

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This group covers R&D directed towards the manufacture of chemical fertilisers and chemicals for the protection of crops and livestock.

This group has four objectives:

860701 Animal Protection Chemicals

860702 Chemical Fertilisers

860703 Crop Protection Chemicals

860799 Agricultural Chemicals not elsewhere classified

### Exclusions:

a) Organic fertilisers and the manufacture of plant extracts which may be used as insecticides or repellents (e.g. pyrethrum) are included in [Group 8603 Processed Non-Food Agriculture Products \(excl. Wood, Paper and Fibre\)](#).

b) Manufacture of veterinary pharmaceuticals is included in [Group 8609 Veterinary Pharmaceutical Products](#).

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This group covers R&D directed towards the manufacture of pharmaceutical products used in the prevention, diagnosis and treatment of human diseases.

This group has four objectives:

- 860801 Human Biological Preventatives (e.g. Vaccines)
- 860802 Human Diagnostics
- 860803 Human Pharmaceutical Treatments (e.g. Antibiotics)
- 860899 Human Pharmaceutical Products not elsewhere classified

### Exclusions:

- a) Production of nutraceuticals is included in [Group 8601 Processed Food Products and Beverages \(excl. Dairy Products\)](#).
- b) Development of programs for the treatment of human diseases and disorders using human pharmaceutical products is included in the [Division 92 Health](#).

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This group covers R&D directed towards the manufacture of pharmaceutical products used in the prevention, diagnosis and treatment of veterinary diseases.

This group has four objectives:

860901 Veterinary Biological Preventatives (e.g. Vaccines)

860902 Veterinary Diagnostics

860903 Veterinary Pharmaceutical Treatments (e.g. Antibiotics)

860999 Veterinary Pharmaceutical Products not elsewhere classified

### Exclusions:

a) Manufacture of plant extracts which may be used as insecticides or repellents (e.g. pyrethrum) is included in [Group 8603 Processed Non-food Agriculture Products \(excl. Wood, Paper and Fibre\)](#).

b) Manufacture of synthetic insecticides is included in [Group 8607 Agricultural Chemicals](#).

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This group covers R&D directed towards the manufacture of ceramics, glass and glass products and industrial mineral products, including clay, cement and concrete products. It includes R&D directed towards the manufacture of plaster and non-metallic mineral products.

This group has six objectives:

861001 Cement Products and Concrete Materials

861002 Ceramics

861003 Clay Products

861004 Plaster and Plaster Products

861005 Structural Glass and Glass Products

861099 Ceramics, Glass and Industrial Mineral Products not elsewhere classified

### Exclusions:

a) Mining, extraction, and first stage processing of stone, clay, sand and ores used for the manufacture of ceramics, glass and industrial mineral products are included in [Division 84 Mineral Resources \(excl. Energy Resources\)](#).

b) Testing the performance and durability and life cycle of building materials is included in [Group 8703 Construction Materials Performance and Processes](#).

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This group covers R&D directed towards the manufacture of basic metal products, such as cast metal. It includes R&D directed towards smelting, rolling, drawing and extruding.

This group has six objectives:

861101 Basic Aluminium Products  
861102 Basic Copper Products  
861103 Basic Iron and Steel Products  
861104 Basic Precious Metal Products  
861105 Basic Zinc Products  
861199 Basic Metal Products (incl. Smelting, Rolling, Drawing and Extruding) not elsewhere classified

### Exclusions:

- Treatment and beneficiation of metal ores to produce ingots used for the manufacture of basic metal products is included in [Group 8403 First Stage Treatment of Ores and Minerals](#).
- Fabricated and semi-finished metal products are included in [Group 8612 Fabricated Metal Products](#).
- Testing of the performance, durability and life cycle of manufactured building materials is included in [Division 87 Construction](#).

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This group covers R&D directed towards the manufacture of structural and sheet metal products, castings, machined and semi-finished fabricated metal products.

It includes:

- structural steel;
- architectural aluminium;
- metal containers and sheet metal products;
- hand tools, general hardware, springs, nuts, rivets and non-ferrous pipe fittings.

This group has seven objectives:

861201 Coated Metal and Metal-Coated Products  
861202 Machined Metal Products  
861203 Metal Castings  
861204 Semi-Finished Metal Products  
861205 Sheet Metal Products  
861206 Structural Metal Products  
861299 Fabricated Metal Products not elsewhere classified

### Exclusions:

- a) Basic metal products is included in [Group 8611 Basic Metal Products \(incl. Smelting, Rolling, Drawing and Extruding\)](#).
- b) Prefabrication of metal buildings and manufacture of sheet metal furniture is included in [Group 8699 Other Manufacturing](#).
- c) Testing of the performance, durability and life cycle of manufactured building materials is included in

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This group covers R&D directed towards the manufacture and repair of transport equipment, including their components.

It includes:

- motor vehicles;
- railway rolling stock;
- aircraft; and
- ships and boats.

This group has six objectives:

861301 Aerospace Equipment  
861302 Automotive Equipment  
861303 Nautical Equipment (excl. Yachts)  
861304 Rail Equipment  
861305 Yachts  
861399 Transport Equipment not elsewhere classified

### Exclusions:

- a) Internal hydrogen combustion engines are included in [Group 8504 Energy Transformation](#).
- b) Construction of transport infrastructure is included in [Division 87 Construction](#).
- c) Transport infrastructure (other than its construction) is included in [Division 88 Transport](#).

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This group covers R&D directed towards the manufacture of machinery and equipment. It includes household electrical appliances and whitewares.

This group has five objectives:

861401 Agricultural Machinery and Equipment  
861402 Appliances and Electrical Machinery and Equipment  
861403 Industrial Machinery and Equipment  
861404 Mining Machinery and Equipment  
861499 Machinery and Equipment not elsewhere classified

### Exclusions:

a) Computers and electronic equipment, including consumer electronic equipment, is included in [Group 8616 Computer Hardware and Electronic Equipment](#).

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This group covers R&D directed towards the manufacture of instruments and instrumentation.

This group has four objectives:

861501 Industrial Instruments

861502 Medical Instruments

861503 Scientific Instruments

861599 Instrumentation not elsewhere classified

### Exclusions:

a) Development and provision of measurement standards and calibration services for machinery, appliances and equipment is included in [Group 9105 Measurement Standards and Calibration Services](#).

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This group covers R&D directed towards the manufacture of computer hardware and electronic equipment, including consumer electronic equipment.

This group has seven objectives:

861601 Computer and Electronic Office Equipment

861602 Consumer Electronic Equipment (excl. Communication Equipment)

861603 Integrated Circuits and Devices

861604 Integrated Systems

861605 Processor Modules

861606 Satellite Navigation Equipment

861699 Computer Hardware and Electronic Equipment not elsewhere classified

### Exclusions:

a) Whitewares, electrical appliances, machinery and equipment is included in [Group 8614 Machinery and Equipment](#).

b) Communication equipment is included in [Group 8617 Communication Equipment](#).

c) Development of computer software and the provision of programming services are included in [Group 8902 Computer Software and Services](#).

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This group covers R&D directed towards the manufacture of communication equipment.

It includes:

- equipment used for broadcasting, data, voice or image transmission;
- network transmission and switching equipment; and
- telemetry and equipment used for remote monitoring and control.

This group has four objectives:

861701 Network Infrastructure Equipment

861702 Telemetry Equipment

861703 Voice and Data Equipment

861799 Communication Equipment not elsewhere classified

### Exclusions:

- a) Electronic equipment for uses outside communications is included in [Group 8616 Computer Hardware and Electronic Equipment](#).
- b) Installation of communications equipment in buildings is included in [Group 8705 Building Management and Services](#).
- c) Use of electronic and communication equipment in communication networks and services is included in [Group 8901 Communication Networks and Services](#).

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This group covers R&D directed towards environmentally sustainable production of manufactured materials by minimising the generation of emissions and wastes and by reducing or optimising the consumption of water and other natural resources.

This group has six objectives:

- 869801 Management of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
- 869802 Management of Greenhouse Gas Emissions from Manufacturing Activities
- 869803 Management of Liquid Waste from Manufacturing Activities (excl. Water)
- 869804 Management of Solid Waste from Manufacturing Activities
- 869805 Management of Water Consumption by Manufacturing Activities
- 869899 Environmentally Sustainable Manufacturing not elsewhere classified

### Exclusions:

- a) Minimisation of input waste (other than water and energy) is to be categorised according to the objective that benefits from the improvement of input use.
- b) Energy conservation and efficiency in manufacturing processes is included in [Group 8507 Energy Conservation and Efficiency](#).
- c) Industrial processing of wastes and scrap to manufacture new products is included in the appropriate groups in [Division 86 Manufacturing](#).
- d) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).
- e) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora,

fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in urban and industrial environments or other environments affected by manufacturing activities are included in [Division 96 Environment](#).

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This group covers R&D directed towards the manufacture of tobacco products, furniture, prefabricated buildings and other products not classified elsewhere.

This group has two objectives:

869901 Furniture

869999 Manufacturing not elsewhere classified

### Exclusions:

- Production of unprocessed or semi-processed plant primary products is included in [Division 82 Plant Production and Plant Primary Products](#).
- Production of animals from which raw materials for manufactured products are obtained are included in [Division 83 Animal Production and Animal Primary Products](#).
- Mining, extraction, and first stage processing of minerals are included in [Division 84 Mineral Resources \(excl. Energy Resources\)](#).
- Energy conservation and efficiency and the mining, extraction, and processing of energy resources used for the manufacture of products are included in [Division 85 Energy](#).
- The construction of transport infrastructure, installation of communication equipment and testing of the performance, durability and life cycle of manufactured building materials is included in [Division 87 Construction](#).
- Transport infrastructure (excluding its construction) is included in [Division 88 Transport](#).
- Use of electronic and communication equipment in communication networks and services is included in [Group 8901 Communication Networks and Services](#).

h) Development of computer software and the provision of programming services are included in [Group 8902 Computer Software and Services](#).

i) Printing and publishing of newspapers is included in [Group 8904 Media Services](#).

j) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).

k) Provision of measurement standards and calibration services for machinery, appliances and equipment is included in [Group 9105 Measurement Standards and Calibration Services](#).

l) Use of human pharmaceutical products for treatment of human diseases and disorders and manufacturing related environmental health issues are included in the [Division 92 Health](#).

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This division covers R&D directed towards construction activities.

It includes:

- use and performance of building materials and the processes for which they are used;
- functions of engineering, planning, design, management and building services in the construction industry;
- development and supply of components and materials which are assembled and placed on site to form buildings, but manufactured off-site;
- design, supply and installation of building services; and
- environmental sustainability of construction activities.

This division has seven groups.

8701 Construction Planning

8702 Construction Design

8703 Construction Materials Performance and Processes

8704 Construction Processes

8705 Building Management and Services

8798 Environmentally Sustainable Construction

8799 Other Construction

### Exclusions:

a) Energy conservation and efficiency in construction activities is included in [Group 8507 Energy Conservation and Efficiency](#).

b) Manufacture of materials used in construction is included in the appropriate groups in [Division 86](#)

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- c) Transport planning unrelated to urban planning is included in [Division 88 Transport](#).
- d) Provision of communications services is included in [Group 8901 Communication Networks and Services](#).
- e) Property services (e.g. property developers, real estate agents, alarm and surveillance services) are included in [Group 9002 Property, Business Support Services and Trade](#).
- f) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).
- g) Construction related environmental health issues are included in [Group 9204 Public Health \(excl. Specific Population Health\)](#).
- h) Conservation of historic buildings and structures and heritage aspects of urban and regional planning are included in [Group 9503 Heritage](#).
- i) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; environmental and natural resource evaluation; environmental policy, legislation and standards; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in urban and industrial environments or other environments affected by construction activities are included in [Division 96 Environment](#).

This section contains the following subsection :

[GROUP 8701 CONSTRUCTION PLANNING](#)  
[GROUP 8702 CONSTRUCTION DESIGN](#)  
[GROUP 8703 CONSTRUCTION MATERIALS PERFORMANCE AND PROCESSES](#)  
[GROUP 8704 CONSTRUCTION PROCESSES](#)  
[GROUP 8705 BUILDING MANAGEMENT AND SERVICES](#)  
[GROUP 8798 ENVIRONMENTALLY SUSTAINABLE CONSTRUCTION](#)  
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This group covers R&D directed towards improving the activities associated with the development of construction projects to the sketch plan stage.

It includes:

- urban and regional planning;
- planning of transport systems;
- environmental impact studies; and
- conceptual architectural design and project funding.

This group has six objectives:

870101 Civil Construction Planning  
870102 Commercial Construction Planning  
870103 Regional Planning  
870104 Residential Construction Planning  
870105 Urban Planning  
870199 Construction Planning not elsewhere classified

### Exclusions:

- Detailed architectural design is included in [Group 8702 Construction Design](#).
- Transport planning unrelated to urban planning is included in [Division 88 Transport](#).
- Heritage aspects of urban and regional planning are included in [Group 9503 Heritage](#).
- Rural and urban land and water policy and evaluation are included in Groups [9606 Environmental and Natural Resource Evaluation](#) and [9607 Environmental Policy, Legislation and Standards](#).

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This group covers R&D directed towards improving the activities associated with turning a project sketch plan into detailed architectural and engineering designs and specifications.

It includes:

- quantity surveying;
- design aimed at reducing the energy needs of the finished building; and
- development of building regulations and design codes.

This group has five objectives:

870201 Civil Construction Design

870202 Commercial Construction Design

870203 Industrial Construction Design

870204 Residential Construction Design

870299 Construction Design not elsewhere classified

### Exclusions:

a) Energy conservation and efficiency other than design aimed at reducing the energy needs of finished buildings is included in [Group 8507 Energy Conservation and Efficiency](#).

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This group covers R&D directed towards testing the performance, durability and life cycle of construction components and materials which are delivered to or assembled on construction sites.

This group has six objectives:

870301 Cement and Concrete Materials

870302 Metals (e.g. Composites, Coatings, Bonding)

870303 Polymeric Materials (e.g. Paints)

870304 Stone, Ceramics and Clay Materials

870305 Timber Materials

870399 Construction Materials Performance and Processes not elsewhere classified

### Exclusions:

a) Manufacture of industrial chemicals used in construction (e.g. paints, plastics) is included in [Group 8606 Industrial Chemicals and Related Products](#).

b) Manufacture of ceramics, glass and glass products and industrial mineral products including clay, cement and concrete products used in construction is included in [Group 8610 Ceramics, Glass and Industrial Mineral Products](#).

c) Manufacture of basic metal products (e.g. copper wire, steel rods) used in construction is included in [Group 8611 Basic Metal Products \(incl. Smelting, Rolling, Drawing and Extruding\)](#).

d) Manufacture of fabricated metal products (e.g. aluminium frames, steel pipes, structural steel) used in construction is included in [Group 8612 Fabricated Metal Products](#).

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This group covers R&D directed towards improving the processes and activities associated with translating plans and specifications into finished buildings and structures.

It includes:

- tendering processes and contractual matters;
- construction management and quality assurance; and
- health and safety aspects in construction.

This group has five objectives:

870401 Civil Construction Processes

870402 Commercial Construction Processes

870403 Industrial Construction Processes

870404 Residential Construction Processes

870499 Construction Processes not elsewhere classified

### Exclusions:

a) Energy conservation and efficiency in construction processes is included in [Group 8507 Energy Conservation and Efficiency](#).

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This group covers R&D directed towards the design, installation and maintenance of building services, as well as demolition and refurbishment.

It includes:

- lifts, air-conditioning, plumbing, and electrical services;
- communication networks; and
- security and fire alarm systems.

This group has four objectives:

870501 Civil Building Management and Services  
870502 Commercial Building Management and Services  
870503 Residential Building Management and Services  
870599 Building Management and Services not elsewhere classified

### Exclusions:

- a) Energy conservation and efficiency in building management and services is included in [Group 8507 Energy Conservation and Efficiency](#).
- b) Provision of communications services is included in [Group 8901 Communication Networks and Services](#).
- c) Development and provision of property services (e.g. property development, real estate and alarm and surveillance services) are included in [Group 9002 Property, Business Support Services and Trade](#).
- d) Conservation of historic buildings and structures is included in [Group 9503 Heritage](#).

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This group covers R&D directed towards environmentally sustainable ways of managing construction and building activities by minimising the generation of emissions and wastes and by reducing or optimising the consumption of water and other natural resources.

This group has six objectives:

879801 Management of Gaseous Waste from Construction Activities (excl. Greenhouse Gases)

879802 Management of Greenhouse Gas Emissions from Construction Activities

879803 Management of Liquid Waste from Construction Activities (excl. Water)

879804 Management of Solid Waste from Construction Activities

879805 Management of Water Consumption by Construction Activities

879899 Environmentally Sustainable Construction not elsewhere classified

### Exclusions:

a) Minimisation of input waste (other than water and energy) is to be categorised according to the objective that benefits from the improvement of input use.

b) Energy conservation and efficiency in construction activities is included in [Group 8507 Energy Conservation and Efficiency](#).

c) Design of buildings to minimise energy consumption in the finished building is included in [Group 8702 Construction Design](#).

d) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).

e) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora,

fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in urban and industrial environments or other environments affected by construction activities are included in [Division 96 Environment](#).

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This group covers R&D directed towards construction activities not elsewhere classified.

This group has one objective:

879999 Construction not elsewhere classified

### Exclusions:

- Energy conservation and efficiency in construction activities is included in [Group 8507 Energy Conservation and Efficiency](#).
- Manufacture of materials used in construction is included in the appropriate groups in [Division 86 Manufacturing](#).
- Transport planning unrelated to urban planning is included in [Division 88 Transport](#).
- Provision of communications services is included in [Group 8901 Communication Networks and Services](#).
- Property services (e.g. property developers, real estate agents, alarm and surveillance services) are included in [Group 9002 Property, Business Support Services and Trade](#).
- Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).
- Construction related environmental health issues are included in [Group 9204 Public Health \(excl. Specific Population Health\)](#).
- Conservation of historic buildings and structures and heritage aspects of urban and regional planning are included in [Group 9503 Heritage](#).
- Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; environmental and natural resource evaluation; environmental policy, legislation and standards; flora, fauna

and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in urban and industrial environments or other environments affected by construction activities are included in [Division 96 Environment](#).

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This division covers R&D directed towards improving the efficiency, safety and utility of transport systems for moving freight, passengers or livestock by ground, water, air or any combinations of these (e.g. sea-air transport) or by any other means.

It includes:

- transport safety;
- oceanic currents and processes that impinge on sea safety or navigation;
- transport services and transport support services;
- transport infrastructure; and
- environmental sustainability of transport activities.

This division has five groups.

8801 Ground Transport

8802 Water Transport

8803 Aerospace Transport

8898 Environmentally Sustainable Transport

8899 Other Transport

### Exclusions:

- a) Movement of defence related personnel, materials and equipment is included in [Division 81 Defence](#).
- b) Transportation of forest products is included in [Group 8201 Forestry](#).
- c) Pipeline transportation of energy products is included in [Group 8506 Energy Storage, Distribution and Supply](#).
- d) Conservation of energy and improving energy efficiency in transport are included in [Group 8507 Energy](#)

[Conservation and Efficiency.](#)

e) Manufacture of transport equipment is included in [Group 8613 Transport Equipment](#).

f) Transport systems as an integral part of urban planning and the construction of transport infrastructure are included in [Division 87 Construction](#).

g) Pipeline transportation of water and waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).

h) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in environments affected by transport activities are included in [Division 96 Environment](#).

This section contains the following subsection :

[GROUP 8801 GROUND TRANSPORT](#)

[GROUP 8802 WATER TRANSPORT](#)

[GROUP 8803 AEROSPACE TRANSPORT](#)

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This group covers R&D directed towards improving the efficiency, safety and utility of ground transport.

It includes:

- road passenger or freight transport, including taxis;
- long or short distance bus transport, including tramways;
- railway transport;
- freight transport by road or rail;
- parking services;
- toll roads and bridges, weighbridges and other road infrastructure;
- container terminals and punt operations;
- rail infrastructure; and
- road safety.

This group has ten objectives:

880101 Rail Freight  
880102 Rail Infrastructure and Networks  
880103 Rail Passenger Movements  
880104 Rail Safety  
880105 Road Freight  
880106 Road Infrastructure and Networks  
880107 Road Passenger Movements (excl. Public Transport)  
880108 Road Public Transport  
880109 Road Safety  
880199 Ground Transport not elsewhere classified

**Exclusions:**

- a) Transportation of forest products is included in [Group 8201 Forestry](#).
- b) Construction of road and rail infrastructure is included in [Division 87 Construction](#).

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This group covers R&D directed towards improving the efficiency, safety and utility of international, coastal or inland water transport.

It includes:

- stevedoring;
- water terminals;
- port infrastructure, including channels;
- water safety; and
- oceanic currents and processes insofar as they impinge on sea safety or navigation.

This group has seven objectives:

880201 Coastal Sea Freight Transport

880202 International Sea Freight Transport (excl. Live Animal Transport)

880203 International Sea Transport of Live Animals

880204 Passenger Water Transport

880205 Port Infrastructure and Management

880206 Water Safety

880299 Water Transport not elsewhere classified

### Exclusions:

a) Construction of port infrastructure is included in [Division 87 Construction](#).

b) Container terminals are included in [Group 8801 Ground Transport](#).

c) Oceanic currents and processes that do not impinge on sea safety or navigation are included in [Group 9699 Other Environment](#).

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This group covers R&D directed towards improving the efficiency, safety and utility of international and domestic air transport for passengers, freight and livestock.

It includes:

- non-scheduled air and space transport;
- air terminal infrastructure; and
- air safety.

This group has six objectives:

880301 Air Freight

880302 Air Passenger Transport

880303 Air Safety

880304 Air Terminal Infrastructure and Management

880305 Space Transport

880399 Aerospace Transport not elsewhere classified

### Exclusions:

a) Construction of air terminal infrastructure is included in [Division 87 Construction](#).

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This group covers R&D directed towards environmentally sustainable ways of managing transport activities by minimising the generation of emissions and wastes and by reducing or optimising the consumption of water and other natural resources.

This group has seven objectives:

889801 Management of Gaseous Waste from Transport Activities (excl. Greenhouse Gases)

889802 Management of Greenhouse Gas Emissions from Transport Activities

889803 Management of Liquid Waste from Transport Activities (excl. Water)

889804 Management of Noise and Vibration from Transport Activities

889805 Management of Solid Waste from Transport Activities

889806 Management of Water Consumption by Transport Activities

889899 Environmentally Sustainable Transport not elsewhere classified

### Exclusions:

a) Minimisation of input waste (other than water and energy) is to be categorised according to the objective that benefits from the improvement of input use.

b) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).

c) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in environments affected by transport activities are included in [Division 96 Environment](#).

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This group covers R&D directed towards improving the safety and efficiency of other transport systems not elsewhere classified.

It includes:

- multi-modal transport and intermodal materials handling;
- pipeline transport, other than the transport of energy products and water; and
- postal, package and courier services.

This group has five objectives:

889901 Intermodal Materials Handling

889902 Multimodal Transport

889903 Pipeline Transport

889904 Postal and Package Services (incl. Courier Services)

889999 Transport not elsewhere classified

### Exclusions:

- a) Movement of defence related personnel, materials and equipment is included in [Division 81 Defence](#).
- b) Transportation of forest products is included in [Group 8201 Forestry](#).
- c) Pipeline transportation of energy products is included in [Group 8506 Energy Storage, Distribution and Supply](#).
- d) Conservation of energy and improving energy efficiency in transport are included in [Group 8507 Energy Conservation and Efficiency](#).
- e) Manufacture of transport equipment is included in [Group 8613 Transport Equipment](#).

f) Transport systems as an integral part of urban planning and the construction of transport infrastructure are included in [Division 87 Construction](#).

g) Pipeline distribution of water and waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).

h) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in environments affected by transport activities are included in [Division 96 Environment](#).

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This division covers R&D directed towards the development, support and provision of information and communication services.

It includes:

- telecommunication services;
- computer programming or software services;
- library and library database services;
- presentation of educational displays for museums, art galleries and similar institutions;
- printing and publishing of books and newspapers; and
- environmental sustainability of information and communication services.

This division has six groups:

8901 Communication Networks and Services

8902 Computer Software and Services

8903 Information Services

8904 Media Services

8998 Environmentally Sustainable Information and Communication Services

8999 Other Information and Communication Services

### Exclusions:

a) Management of energy consumption from information and communication services is included in [Group 8507 Energy Conservation and Efficiency](#).

b) Development and manufacture of computer hardware, communication equipment and electronic equipment, including assembly of components, are included in [Division 86 Manufacturing](#).

- c) Installation of communications networks in buildings is included in [Group 8705 Building Management and Services](#).
- d) R&D directed towards computer programming or software services which is specific to other socio-economic objectives is included in other appropriate groups, e.g. video streaming software is included in [Group 8904 Media Services](#).
- e) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).
- f) Cinemas or motion picture exhibition is included in [Group 9099 Other Commercial Services and Tourism](#).
- g) Music and theatre production mainly of a non-commercial nature is included in [Group 9501 Arts and Leisure](#).
- h) Social impacts of media services are included in [Group 9502 Communication](#).

This section contains the following subsection :

[GROUP 8901 COMMUNICATION NETWORKS AND SERVICES](#)

[GROUP 8902 COMPUTER SOFTWARE AND SERVICES](#)

[GROUP 8903 INFORMATION SERVICES](#)

[GROUP 8904 MEDIA SERVICES](#)

[GROUP 8998 ENVIRONMENTALLY SUSTAINABLE INFORMATION AND COMMUNICATION SERVICES](#)

[GROUP 8999 OTHER INFORMATION AND COMMUNICATION SERVICES](#)

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COMMUNICATION NETWORKS AND SERVICES

This group covers R&D directed towards fixed line, mobile and satellite communication networks and services.

It includes videoconference services.

This group has seven objectives:

890101 Fixed Line Data Networks and Services

890102 Fixed Line Telephone Networks and Services

890103 Mobile Data Networks and Services

890104 Mobile Telephone Networks and Services

890105 Satellite Communication Networks and Services

890106 Videoconference Services

890199 Communication Networks and Services not elsewhere classified

### Exclusions:

a) Development and manufacture of communication equipment is included in [Group 8617 Communication Equipment](#).

b) Installation of communications networks in buildings is included in [Group 8705 Building Management and Services](#).

c) Broadcasting is included in [Group 8904 Media Services](#).

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This group covers R&D directed towards general purpose computer programming or software services.

It includes:

- programming or development of computer software;
- data entry;
- internet hosting; and
- provision of computers and computation services.

This group has seven objectives:

890201 Application Software Packages (excl. Computer Games)

890202 Application Tools and System Utilities

890203 Computer Gaming Software

890204 Computer Time Leasing, Sharing and Renting Services

890205 Information Processing Services (incl. Data Entry and Capture)

890206 Internet Hosting Services (incl. Application Hosting Services)

890299 Computer Software and Services not elsewhere classified

### Exclusions:

a) Development and manufacture of computer hardware is included in [Group 8616 Computer Hardware and Electronic Equipment](#).

b) Computer programming or software services which is specific to other socio-economic objectives is included in other appropriate groups, e.g. video streaming software is included in [Group 8904 Media Services](#).

c) Animation and computer generated imagery services are included in [Group 8904 Media Services](#).

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This group covers R&D directed towards information services.

It includes:

- libraries, library databases and information processing;
- presentation of information, including displays, in libraries, museums and art galleries, educational centres and similar facilities; and
- electronic archives and news collection services.

This group has four objectives:

890301 Electronic Information Storage and Retrieval Services  
890302 Library and Archival Services  
890303 News Collection Services  
890399 Information Services not elsewhere classified

### Exclusions:

a) News or media related information services are included in [Group 8904 Media Services](#).

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This group covers R&D directed towards media services.

It includes:

- broadcasting services;
- publishing and printing services; and
- film and video services.

This group has six objectives:

890401 Animation and Computer Generated Imagery Services

890402 Film and Video Services (excl. Animation and Computer Generated Imagery)

890403 Internet Broadcasting

890404 Publishing and Print Services (incl. Internet Publishing)

890405 Radio and Television Broadcasting

890499 Media Services not elsewhere classified

### Exclusions:

a) Internet hosting is included in [Group 8902 Computer Software and Services](#).

b) News collection services are included in [Group 8903 Information Services](#).

c) Cinemas or motion picture exhibition is included in [Group 9099 Other Commercial Services and Tourism](#).

d) Music and theatre production mainly of a non-commercial nature is included in [Group 9501 Arts and Leisure](#).

e) Social impacts of media services are included in [Group 9502 Communication](#).

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ENVIRONMENTALLY SUSTAINABLE INFORMATION AND COMMUNICATION SERVICES

This group covers R&D directed towards environmentally sustainable ways of managing information and communication service activities by minimising the generation of emissions and wastes and by reducing or optimising the consumption of water and other natural resources.

This group has four objectives:

899801 Management of Greenhouse Gas Emissions from Information and Communication Services

899802 Management of Solid Waste from Information and Communication Services

899803 Management of Water Consumption by Information and Communication Services

899899 Environmentally Sustainable Information and Communication Services not elsewhere classified

### Exclusions:

a) Minimisation of input waste (other than water and energy) is to be categorised according to the objective that benefits from the improvement of input use.

b) Management of energy consumption from information and communication services is included in [Group 8507 Energy Conservation and Efficiency](#).

c) Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).

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This group covers R&D directed towards the provision of information and communication services not elsewhere classified.

This group has one objective:

899999 Information and Communication Services not elsewhere classified

### Exclusions:

- Management of energy consumption from information and communication services is included in [Group 8507 Energy Conservation and Efficiency](#).
- Development and manufacture of computer hardware, communication equipment and electronic equipment, including assembly of components, are included in [Division 86 Manufacturing](#).
- Installation of communications networks in buildings is included in [Group 8705 Building Management and Services](#).
- R&D directed towards computer programming or software services which is specific to other socio-economic objectives is included in other appropriate groups, e.g. video streaming software is included in [Group 8904 Media Services](#).
- Waste handling services such as collection, storage, recycling and disposal provided by local councils or private or non-profit waste management businesses are included in [Group 9004 Water and Waste Services](#).
- Cinemas or motion picture exhibition is included in [Group 9099 Other Commercial Services and Tourism](#).
- Music and theatre production mainly of a non-commercial nature is included in [Group 9501 Arts and Leisure](#).

h) Social impacts of media services are included in [Group 9502 Communication](#).

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This division covers R&D directed towards the provision of commercial services to the economic and social development sectors.

It includes:

- financial, property and business support services;
- tourism;
- trade;
- water and waste services; and
- environmental sustainability of commercial services and tourism.

This division has six groups:

9001 Financial Services

9002 Property, Business Support Services and Trade

9003 Tourism

9004 Water and Waste Services

9098 Environmentally Sustainable Commercial Services and Tourism

9099 Other Commercial Services and Tourism

### Exclusions:

a) Security services or surveillance systems for military purposes is included in [Division 81 Defence](#); and for corrective purposes is included in [Group 9404 Justice and the Law](#).

b) Management of energy consumption from commercial services and tourism is included in [Group 8507 Energy Conservation and Efficiency](#).

c) Management of solid, liquid or gaseous waste generated as an integral process within an industry to

minimise or prevent impacts on environment is included in respective industry divisions (e.g. [Division 86 Manufacturing](#)) and groups (e.g. [Group 8698 Environmentally Sustainable Manufacturing](#)).

d) Provision of construction services, including architectural and building management services and construction of water infrastructure, are included in [Division 87 Construction](#).

e) Development of transport infrastructure and transport and freight services are included in [Division 88 Transport](#).

f) Provision of information, communications and computing services, including media services, is included in [Division 89 Information and Communication Services](#).

g) Issues relating to international trade are included in [Group 9103 International Trade](#).

h) Calibration services are included in [Group 9105 Measurement Standards and Calibration Services](#).

i) Music and theatre production, sport and services to sport activities (including sporting clubs), and recreational and amusement services mainly of a non-commercial nature (e.g. parks, botanical gardens) is included in [Group 9501 Arts and Leisure](#).

j) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in environments affected by commercial services and tourism are included in [Division 96 Environment](#).

This section contains the following subsection :

[GROUP 9001 FINANCIAL SERVICES](#)

[GROUP 9002 PROPERTY, BUSINESS SUPPORT SERVICES AND TRADE](#)

[GROUP 9003 TOURISM](#)

[GROUP 9004 WATER AND WASTE SERVICES](#)

[GROUP 9098 ENVIRONMENTALLY SUSTAINABLE COMMERCIAL SERVICES AND TOURISM](#)

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This group covers R&D directed towards the development and provision of finance and investment services.

It includes:

- banks, building societies, credit unions and money market dealing;
- investment and superannuation services; and
- insurance services.

This group has four objectives:

900101 Finance Services  
900102 Investment Services (excl. Superannuation)  
900103 Superannuation and Insurance Services  
900199 Financial Services not elsewhere classified

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This group covers R&D directed towards the development and provision of property, business support services and trade.

It includes:

- property services such as real estate, security services (including alarm and surveillance services), property management and development;
- legal, accounting and secretarial services;
- advertising and graphic design services;
- business consultancy and market research services;
- plant leasing and hiring (other than computer and communications equipment); and
- wholesale and retail trade services.

This group has five objectives:

900201 Administration and Business Support Services  
900202 Professional, Scientific and Technical Services  
900203 Property Services (incl. Security)  
900204 Wholesale and Retail Trade  
900299 Property, Business Support Services and Trade not elsewhere classified

### Exclusions:

- a) Security services or surveillance systems for military purposes is included in [Division 81 Defence](#); and for corrective purposes is included in [Group 9404 Justice and the Law](#).
- b) Construction services, including architectural and building management services, are included in [Division](#)

[87 Construction.](#)

c) Transport and freight services are included in [Division 88 Transport.](#)

d) Information, communications and computing services is included in [Division 89 Information and Communication Services.](#)

e) Issues relating to international trade are included in [Group 9103 International Trade.](#)

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This group covers R&D directed towards the development and provision of tourism services.

This group has four objectives:

900301 Economic Issues in Tourism  
900302 Socio-Cultural Issues in Tourism  
900303 Tourism Infrastructure Development  
900399 Tourism not elsewhere classified

### Exclusions:

- a) Development of transport infrastructure is included in [Division 88 Transport](#).
- b) Hospitality and recreation services are included in [Group 9099 Other Commercial Services and Tourism](#).

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This group covers R&D directed towards the development and provision of water and waste services and utilities to households and industrial and commercial premises.

It includes:

- management and recycling of wastes and waste products, including toxic, biological and radiological waste;
- provision of water services and utilities, including household supply;
- stormwater drainage and sewerage waste management and treatment;
- storage, recycling, purification (including desalination) and distribution of water;
- repair and maintenance of water related facilities; and
- operation of irrigation systems.

This group has five objectives:

900401 Waste Management Services  
900402 Waste Recycling Services  
900403 Water Recycling Services (incl. Sewage and Greywater)  
900404 Water Services and Utilities  
900499 Water and Waste Services not elsewhere classified

### Exclusions:

a) Provision of energy services and utilities is included in [Group 8506 Energy Storage, Distribution and Supply](#).

b) Industrial processing of wastes and scrap to manufacture new products is included in the appropriate

groups in [Division 86 Manufacturing](#).

c) Management of solid, liquid or gaseous waste generated as an integral process within an industry to minimise or prevent impacts on environment is included in respective industry divisions (e.g. [Division 86 Manufacturing](#)) and groups (e.g. [Group 8698 Environmentally Sustainable Manufacturing](#)).

d) Construction of dams, water mains and pumping stations is included in [Group 8704 Construction Processes](#).

e) Management of environmental impacts from water and waste services is included in [Group 9098 Environmentally Sustainable Commercial Services and Tourism](#).

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This group covers R&D directed towards environmentally sustainable ways of managing commercial and tourism service activities by minimising the generation of emissions and wastes and by reducing or optimising the consumption of resources such as water.

This group has six objectives:

- 909801 Management of Gaseous Waste from Commercial Services and Tourism (excl. Greenhouse Gases)
- 909802 Management of Greenhouse Gas Emissions from Commercial Services and Tourism
- 909803 Management of Liquid Waste from Commercial Services and Tourism (excl. Water)
- 909804 Management of Solid Waste from Commercial Services and Tourism
- 909805 Management of Water Consumption by Commercial Services and Tourism
- 909899 Environmentally Sustainable Commercial Services and Tourism not elsewhere classified

### Exclusions:

- a) Minimisation of input waste (other than water and energy) is to be categorised according to the objective that benefits from the improvement of input use.
- b) Management of energy consumption from commercial services and tourism is included in [Group 8507 Energy Conservation and Efficiency](#).
- c) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in environments affected by commercial services and tourism are included in [Division 96 Environment](#).

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This group covers R&D directed towards the development and provision of commercial services not elsewhere classified. It includes recreational services of a commercial nature (e.g. casinos) and hospitality services (e.g. motels, taverns, and restaurants).

This group has three objectives:

909901 Hospitality Services

909902 Recreational Services

909999 Commercial Services and Tourism not elsewhere classified

a) Security services or surveillance systems for military purposes is included in [Division 81 Defence](#); and for corrective purposes is included in [Group 9404 Justice and the Law](#).

b) Management of energy consumption from commercial services and tourism is included in [Group 8507 Energy Conservation and Efficiency](#).

c) Management of solid, liquid or gaseous waste generated as an integral process within an industry to minimise or prevent impacts on environment is included in respective industry divisions (e.g. [Division 86 Manufacturing](#)) and groups (e.g. [Group 8698 Environmentally Sustainable Manufacturing](#)).

d) Construction services, including architectural and building management services and construction of water infrastructure, are included in [Division 87 Construction](#).

e) Development of transport infrastructure and transport and freight services are included in [Division 88 Transport](#).

f) Provision of information, communications and computing services, including media services, is included in [Division 89 Information and Communication Services](#).

g) Issues relating to international trade are included in [Group 9103 International Trade](#).

h) Calibration services are included in [Group 9105 Measurement Standards and Calibration Services](#).

i) Music and theatre production, sport and services to sport activities (including sporting clubs), and recreational and amusement services mainly of a non-commercial nature (e.g. parks, botanical gardens) is included in [Group 9501 Arts and Leisure](#).

j) Air quality; control of pests, diseases and exotic species; ecosystem assessment and management; flora, fauna and biodiversity; land and water management; rehabilitation of degraded areas; remnant vegetation and conservation areas; soils; and natural hazards in environments affected by commercial services and tourism are included in [Division 96 Environment](#).

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This division covers R&D directed towards the understanding of the economic framework of development and the application of economic theory to assist development. It includes R&D directed towards developing measurement standards and calibrations services which make a contribution to the economic framework.

This division has six groups.

9101 Macroeconomics

9102 Microeconomics

9103 International Trade

9104 Management and Productivity

9105 Measurement Standards and Calibration Services

9199 Other Economic Framework

### Exclusions:

- Manufacture of scientific, industrial and medical instruments is included in [Group 8615 Instrumentation](#).
- International transport of freight and passengers is included in [Division 88 Transport](#).
- Commercial services, including financial and investment services, market research, administration, business support and professional services, domestic trade and economic issues relating to tourism are included in [Division 90 Commercial Services and Tourism](#).
- Economics of health policy outcomes is included in [Group 9202 Health and Support Services](#).
- Occupational health is included in [Group 9205 Specific Population Health \(excl. Indigenous Health\)](#).
- International political economy, other than international trade, and international relations that do not relate to trade are included in [Group 9403 International Relations](#).
- Employment, work and workplace safety issues are included in [Group 9405 Work and Institutional](#)

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[Development.](#)

h) Environmental aspects of resource consumption and international trade are included in [Group 9607 Environmental Policy, Legislation and Standards.](#)

This section contains the following subsection :

[GROUP 9101 MACROECONOMICS](#)

[GROUP 9102 MICROECONOMICS](#)

[GROUP 9103 INTERNATIONAL TRADE](#)

[GROUP 9104 MANAGEMENT AND PRODUCTIVITY](#)

[GROUP 9105 MEASUREMENT STANDARDS AND CALIBRATION SERVICES](#)

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This group covers R&D directed towards the understanding of economic issues at the macroeconomic level, including fiscal policy, monetary policy, exchange rates, balance of payments, income policy, taxation and other macroeconomic issues.

This group has eleven objectives:

910101 Balance of Payments  
910102 Demography  
910103 Economic Growth  
910104 Exchange Rates  
910105 Fiscal Policy  
910106 Income Distribution  
910107 Macro Labour Market Issues  
910108 Monetary Policy  
910109 Savings and Investments  
910110 Taxation  
910199 Macroeconomics not elsewhere classified

### Exclusions:

- Provision of financial and investment services is included in [Group 9001 Property, Business Support Services and Trade](#).
- Economic issues of tourism are included in [Group 9003 Tourism](#).
- Economics of health policy outcomes are included in [Group 9202 Health and Support Services](#).

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This group covers R&D directed towards understanding economic issues at the microeconomic level, including effects on taxation, consumption, industrial organisations, industry policy, industry cost and structure and other microeconomic issues.

This group has twelve objectives:

- 910201 Consumption
- 910202 Human Capital Issues
- 910203 Industrial Organisations
- 910204 Industry Costs and Structure
- 910205 Industry Policy
- 910206 Market-Based Mechanisms
- 910207 Microeconomic Effects of Taxation
- 910208 Micro Labour Market Issues
- 910209 Preference, Behaviour and Welfare
- 910210 Production
- 910211 Supply and Demand
- 910299 Microeconomics not elsewhere classified

### Exclusions:

- a) Economics of health policy outcomes is included in [Group 9202 Health and Support Services](#).
- b) Environmental aspects of resource consumption are included in [Group 9607 Environmental Policy, Legislation and Standards](#).

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This group covers R&D directed towards understanding issues relating to international trade, including trade policy, assistance and protection and international agreements on trade.

This group has four objectives:

910301 International Agreements on Trade

910302 Trade Assistance and Protection

910303 Trade Policy

910399 International Trade not elsewhere classified

### Exclusions:

a) Efficiency, safety and utility of international transport of freight and passengers is included in [Division 88 Transport](#).

b) Domestic trade is included in [Group 9002 Property, Business Support Services and Trade](#).

c) International political economy, other than international trade, and international relations that do not relate to trade are included in [Group 9403 International Relations](#).

d) Environmental aspects of international trade are included in [Group 9607 Environmental Policy, Legislation and Standards](#).

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This group covers R&D directed towards management and productivity issues. It includes R&D directed towards marketing and industrial relations.

This group has seven objectives:

910401 Industrial Relations

910402 Management

910403 Marketing

910404 Productivity (excl. Public Sector)

910405 Public Sector Productivity

910406 Technological and Organisational Innovation

910499 Management and Productivity not elsewhere classified

### Exclusions:

a) The provision of market research, administration, business support and professional services are included in [Division 90 Commercial Services and Tourism](#).

b) Occupational health is included in [Group 9205 Specific Population Health \(excl. Indigenous Health\)](#).

c) Employment, work and workplace safety issues are included in [Group 9405 Work and Institutional Development](#).

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This group covers R&D directed towards the development and provision of measurement standards and calibration services for defence, manufacturing and the service industries.

This group has five objectives:

910501 Agricultural and Environmental Standards

910502 Defence Standards and Calibrations

910503 Manufacturing Standards and Calibrations

910504 Service Industries Standards and Calibrations

910599 Measurement Standards and Calibration Services not elsewhere classified

### Exclusions:

a) Manufacture of scientific, industrial and medical instruments is included in [Group 8615 Instrumentation](#).

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This group covers R&D directed towards understanding other economic issues in the economic framework not elsewhere classified. It includes carbon and emissions trading mechanisms and ecological economics.

This group has three objectives:

919901 Carbon and Emissions Trading

919902 Ecological Economics

919999 Economic Framework not elsewhere classified

### Exclusions:

a) Manufacture of scientific, industrial and medical instruments is included in [Group 8615 Instrumentation](#).

b) International transport of freight and passengers is included in [Division 88 Transport](#).

c) Commercial services, including financial and investment services, market research, administration, business support and professional services, domestic trade and economic issues relating to tourism are included in [Division 90 Commercial Services and Tourism](#).

d) Economics of health policy outcomes is included in [Group 9202 Health and Support Services](#).

e) Occupational health is included in [Group 9205 Specific Population Health \(excl. Indigenous Health\)](#).

f) International political economy, other than international trade, and international relations that do not relate to trade are included in [Group 9403 International Relations](#).

g) Employment, work and workplace safety issues are included in [Group 9405 Work and Institutional Development](#).

h) Environmental aspects of resource consumption and international trade are included in [Group 9607 Environmental Policy, Legislation and Standards](#).

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This sector covers R&D directed towards the improvement of society. Such improvements may have wider benefits, such as economic benefits, but these are not the principal objectives of the R&D.

This sector has four divisions:

92 Health

93 Education and Training

94 Law, Politics and Community Services

95 Cultural Understanding

### Exclusions:

a) Provision of medical, health, education, training, community or cultural services on a commercial basis is included in [Group 9099 Other Commercial Services and Tourism](#).

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This division covers R&D directed towards human health, including the understanding and treatment of clinical diseases and conditions and the provision of public health and associated support services.

This division has six groups:

9201 Clinical Health (Organs, Diseases and Abnormal Conditions)

9202 Health and Support Services

9203 Indigenous Health

9204 Public Health (excl. Specific Population Health)

9205 Specific Population Health (excl. Indigenous Health)

9299 Other Health

### Exclusions:

a) Development of pharmaceutical products to treat diseases and abnormal conditions is included in [Group 8608 Human Pharmaceutical Products](#).

b) Community services not directly impacting on health are included in [Group 9401 Community Service \(excl. Work\)](#).

c) Workplace safety is included in [Group 9405 Work and Institutional Development](#).

d) Quarantine and control measures to prevent the entry of diseases into the country are included in [Group 9604 Control of Pests, Diseases and Exotic Species](#).

This section contains the following subsection :

[GROUP 9201 CLINICAL HEALTH \(ORGANS, DISEASES AND ABNORMAL CONDITIONS\)](#)

[GROUP 9202 HEALTH AND SUPPORT SERVICES](#)

[GROUP 9203 INDIGENOUS HEALTH](#)

[GROUP 9204 PUBLIC HEALTH \(EXCL. SPECIFIC POPULATION HEALTH\)](#)

[GROUP 9205 SPECIFIC POPULATION HEALTH \(EXCL. INDIGENOUS HEALTH\)](#)

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This group covers R&D directed towards the clinical aspects of health and medicine.

This group has twenty-one objectives:

920101 Blood Disorders  
920102 Cancer and Related Disorders  
920103 Cardiovascular System and Diseases  
920104 Diabetes  
920105 Digestive System Disorders  
920106 Endocrine Organs and Diseases (excl. Diabetes)  
920107 Hearing, Vision, Speech and Their Disorders  
920108 Immune System and Allergy  
920109 Infectious Diseases  
920110 Inherited Diseases (incl. Gene Therapy)  
920111 Nervous System and Disorders  
920112 Neurodegenerative Disorders Related to Ageing  
920113 Oro-Dental Disorders  
920114 Reproductive System and Disorders  
920115 Respiratory System and Diseases (incl. Asthma)  
920116 Skeletal System and Disorders (incl. Arthritis)  
920117 Skin and Related Disorders  
920118 Surgical Methods and Procedures  
920119 Urogenital System and Disorders  
920120 Zoonoses

920199 Clinical Health (Organs, Diseases and Abnormal Conditions) not elsewhere classified

**Exclusions:**

a) Development of pharmaceutical products to treat diseases and abnormal conditions is included in [Group 8608 Human Pharmaceutical Products](#).

b) Preventive medicine and life-style impacts on health, the effect of social conditions (e.g. poverty) on the health of the general community, and the social aspects of health (e.g. food safety, nutrition) are included in [Group 9204 Public Health \(excl. Specific Population Health\)](#).

c) Preventive medicine and life-style impacts on health, the effect of social conditions (e.g. poverty) on the health of specific communities, and the social and cultural aspects of health are included in Groups [9203 Indigenous Health](#) and [9205 Specific Population Health \(excl. Indigenous Health\)](#).

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This group covers R&D directed towards the provision and evaluation of health and support services.

It includes:

- community support in medicine and health;
- promotion of health education;
- health care infrastructure support;
- evaluation of health policy and programs;
- allied health therapies and mental health services; and
- nursing and palliative care.

This group has twelve objectives:

920201 Allied Health Therapies (excl. Mental Health Services)

920202 Carer Health

920203 Diagnostic Methods

920204 Evaluation of Health Outcomes

920205 Health Education and Promotion

920206 Health Inequalities

920207 Health Policy Economic Outcomes

920208 Health Policy Evaluation

920209 Mental Health Services

920210 Nursing

920211 Palliative Care

920299 Health and Support Services not elsewhere classified

**Exclusions:**

a) The causes, effects and the treatment of specific clinical conditions are included in [Group 9201 Clinical Health \(Organs, Diseases and Abnormal Conditions\)](#).

b) Health as it pertains to the general community, specific population groups (e.g. aged persons), and indigenous communities is included in Groups [9203 Indigenous Health](#), [9204 Public Health \(excl. Specific Population Health\)](#) and [9205 Specific Population Health \(excl. Indigenous Health\)](#).

c) Community services not directly impacting on health are included in [Group 9401 Community Service \(excl. Work\)](#).

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This group covers R&D directed towards the public health of Aboriginal and Torres Strait Islanders, Maori and Pacific Peoples. It includes the study of social and cultural factors affecting the health of these populations and the delivery of health services to these communities.

This group has ten objectives:

- 920301 Aboriginal and Torres Strait Islander Health - Determinants of Health
- 920302 Aboriginal and Torres Strait Islander Health - Health Status and Outcomes
- 920303 Aboriginal and Torres Strait Islander Health - Health System Performance (incl. Effectiveness of Interventions)
- 920304 Maori Health - Determinants of Health
- 920305 Maori Health - Health Status and Outcomes
- 920306 Maori Health - Health System Performance (incl. Effectiveness of Interventions)
- 920307 Pacific Peoples Health - Determinants of Health
- 920308 Pacific Peoples Health - Health Status and Outcomes
- 920309 Pacific Peoples Health - Health System Performance (incl. Effectiveness of Interventions)
- 920399 Indigenous Health not elsewhere classified

### Exclusions:

- a) The causes, effects and treatment of specific clinical conditions is included in [Group 9201 Clinical Health \(Organs, Diseases and Abnormal Conditions\)](#).
- b) Evaluation of health care programs and policies is included in [Group 9202 Health and Support Services](#).
- c) Health as it pertains to the general population and specific non-indigenous communities is included in Groups [9204 Public Health \(excl. Specific Population Health\)](#) and [9205 Specific Population Health \(excl.](#)

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This group covers R&D directed towards community health or the health of general public excluding specific population groups and indigenous communities. The primary focus of R&D in this group is on the social and community aspects of health and medicine.

It includes:

- community support for health and medical conditions;
- preventative medicine;
- environmental health; and
- health protection and the response of health systems to disasters.

This group has fifteen objectives:

920401 Behaviour and Health  
920402 Dental Health  
920403 Disability and Functional Capacity  
920404 Disease Distribution and Transmission (incl. Surveillance and Response)  
920405 Environmental Health  
920406 Food Safety  
920407 Health Protection and/or Disaster Response  
920408 Health Status (e.g. Indicators of Well-Being)  
920409 Injury Control  
920410 Mental Health  
920411 Nutrition  
920412 Preventive Medicine  
920413 Social Structure and Health

920414 Substance Abuse

920499 Public Health (excl. Specific Population Health) not elsewhere classified

**Exclusions:**

- a) The causes, effects and treatment of specific clinical conditions are included in [Group 9201 Clinical Health \(Organs, Diseases and Abnormal Conditions\)](#).
- b) Evaluation of health care programs and policies is included in [Group 9202 Health and Support Services](#).
- c) Public health of indigenous communities and specific population groups is included in Groups [9203 Indigenous Health](#), and [9205 Specific Population Health \(excl. Indigenous Health\)](#), respectively.
- d) Quarantine and control measures to prevent the entry of diseases into the country are included in [Group 9604 Control of Pests, Diseases and Exotic Species](#).

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This group covers R&D directed towards community and public health of specific population groups and discrete community groups (e.g. aged persons, persons living in rural and remote areas), other than indigenous communities. It includes the study of social and cultural factors affecting the health of these groups and the delivery of health services to these groups.

This group has eight objectives:

- 920501 Child Health
- 920502 Health Related to Ageing
- 920503 Health Related to Specific Ethnic Groups
- 920504 Men's Health
- 920505 Occupational Health
- 920506 Rural Health
- 920507 Women's Health
- 920599 Specific Population Health (excl. Indigenous Health) not elsewhere classified

### Exclusions:

- a) The causes, effects and treatment of specific clinical conditions is included in [Group 9201 Clinical Health \(Organs, Diseases and Abnormal Conditions\)](#).
- b) Evaluation of health care programs and policies is included in [Group 9202 Health and Support Services](#).
- c) Public health of the indigenous communities and the general population is included in Groups [9203 Indigenous Health](#) and [9204 Public Health \(excl. Specific Population Health\)](#), respectively.
- d) Workplace safety is included in [Group 9405 Work and Institutional Development](#).

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This group covers R&D directed towards health not elsewhere classified.

This group has one objective:

929999 Health not elsewhere classified

### Exclusions:

- a) Development of pharmaceutical products to treat diseases and abnormal conditions is included in [Group 8608 Human Pharmaceutical Products](#).
- b) Community services not directly impacting on health are included in [Group 9401 Community Service \(excl. Work\)](#).
- c) Workplace safety is included in [Group 9405 Work and Institutional Development](#).
- d) Quarantine and control measures to prevent the entry of diseases into the country are included in [Group 9604 Control of Pests, Diseases and Exotic Species](#).

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This division covers R&D directed towards improving education and training.

This division has six groups:

9301 Learner and Learning  
9302 Teaching and Instruction  
9303 Curriculum  
9304 School/Institution  
9305 Education and Training Systems  
9399 Other Education and Training

### Exclusions:

- Public health education is included in [Group 9202 Health and Support Services](#).
- Ethical issues such as business ethics, social ethics, environmental ethics are included in [Group 9504 Religion and Ethics](#).
- Environmental education and awareness is included in [Group 9607 Environmental Policy, Legislation and Standards](#).

This section contains the following subsection :

[GROUP 9301 LEARNER AND LEARNING](#)

[GROUP 9302 TEACHING AND INSTRUCTION](#)  
[GROUP 9303 CURRICULUM](#)  
[GROUP 9304 SCHOOL/INSTITUTION](#)  
[GROUP 9305 EDUCATION AND TRAINING SYSTEMS](#)  
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This group covers R&D directed towards improving the learning outcomes of individual learners.

This group has five objectives:

- 930101 Learner and Learning Achievement
- 930102 Learner and Learning Processes
- 930103 Learner Development
- 930104 Moral and Social Development (incl. Affect)
- 930199 Learner and Learning not elsewhere classified

### Exclusions:

- a) Improvement of teaching and instruction techniques is included in [Group 9302 Teaching and Instruction](#).
- b) Curriculum improvement is included in [Group 9303 Curriculum](#).
- c) Improvement of school and educational institution learning environments is included in [Group 9304 School/Institution](#).
- d) Improvement of education and training systems is included in [Group 9305 Education and Training Systems](#).
- e) Educational needs of Aboriginal and Torres Strait Islanders, Maori, Pacific Peoples, learners of specific genders, gifted learners and disabled learners are included in [Group 9399 Other Education and Training](#).
- f) Ethical issues such as business ethics, social ethics, environmental ethics are included in [Group 9504 Religion and Ethics](#).

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This group covers R&D directed towards improving teaching and instruction.

This group has four objectives:

930201 Pedagogy

930202 Teacher and Instructor Development

930203 Teaching and Instruction Technologies

930299 Teaching and Instruction not elsewhere classified

### Exclusions:

a) Improvement of learning outcomes of individual learners is included in [Group 9301 Learner and Learning](#).

b) Curriculum improvement is included in [Group 9303 Curriculum](#).

c) Improvement of school and educational institution learning environments is included in [Group 9304 School/Institution](#).

d) Improvement of education and training systems is included in [Group 9305 Education and Training Systems](#).

e) Teaching and instruction of Aboriginal and Torres Strait Islanders, Maori, Pacific Peoples, learners of specific genders, gifted learners and disabled learners are included in [Group 9399 Other Education and Training](#).

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This group covers R&D directed towards the improvement of curricula used in education.

This group has three objectives:

930301 Assessment and Evaluation of Curriculum

930302 Syllabus and Curriculum Development

930399 Curriculum not elsewhere classified

### Exclusions:

- a) Improvement of learning outcomes of individual learners is included in [Group 9301 Learner and Learning](#).
- b) Improvement of teaching and instruction techniques is included in [Group 9302 Teaching and Instruction](#).
- c) Improvement of school and educational institution learning environments is included in [Group 9304 School/Institution](#).
- d) Improvement of education and training systems is included in [Group 9305 Education and Training Systems](#).
- e) Development of curricula tailored to the needs of Aboriginal and Torres Strait Islanders, Maori, Pacific Peoples, learners of specific genders, gifted learners or disabled learners are included in [Group 9399 Other Education and Training](#).

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This group covers R&D directed towards the improvement of school and educational institution learning environments.

This group has four objectives:

930401 Management and Leadership of Schools/Institutions

930402 School/Institution Community and Environment

930403 School/Institution Policies and Development

930499 School/Institution not elsewhere classified

### Exclusions:

- a) Improvement of learning outcomes of individual learners is included in [Group 9301 Learner and Learning](#).
- b) Improvement of teaching and instruction techniques is included in [Group 9302 Teaching and Instruction](#).
- c) Curriculum improvement is included in [Group 9303 Curriculum](#).
- d) Improvement of education and training systems is included in [Group 9305 Education and Training Systems](#).
- e) Development of school or educational institutional environments conducive to the education of Aboriginal and Torres Strait Islanders, Maori, Pacific Peoples, learners of specific genders, gifted learners or disabled learners are included in [Group 9399 Other Education and Training](#).

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This group covers R&D directed towards the improvement of education and training systems at scales larger than individual schools or educational institutions.

This group has four objectives:

930501 Education and Training Systems Policies and Development

930502 Management of Education and Training Systems

930503 Resourcing of Education and Training Systems

930599 Education and Training Systems not elsewhere classified

### Exclusions:

a) Improvement of learning outcomes of individual learners is included in [Group 9301 Learner and Learning](#).

b) Improvement of teaching and instruction techniques is included in [Group 9302 Teaching and Instruction](#).

c) Curriculum improvement is included in [Group 9303 Curriculum](#).

d) Improvement of school and educational institution learning environments is included in [Group 9304 School/Institution](#).

e) Educational needs of Aboriginal and Torres Strait Islanders, Maori, Pacific Peoples, learners of specific genders, gifted learners and disabled learners are included in [Group 9399 Other Education and Training](#).

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This group covers R&D directed towards education and training not elsewhere classified.

It includes:

- Aboriginal and Torres Strait Islander, Maori and Pacific Peoples education outcomes;
- theory and methodology of education and training;
- equity and access to education;
- special needs education, including gifted and disabled learners; and
- transition from education to the workforce and employment.

This group has nine objectives:

939901 Aboriginal and Torres Strait Islander Education  
939902 Education and Training Theory and Methodology  
939903 Equity and Access to Education  
939904 Gender Aspects of Education  
939905 Maori Education  
939906 Pacific Peoples Education  
939907 Special Needs Education  
939908 Workforce Transition and Employment  
939999 Education and Training not elsewhere classified

### Exclusions:

- a) Public health education is included in [Group 9202 Health and Support Services](#).
- b) Ethical issues such as business ethics, social ethics, environmental ethics are included in [Group 9504 Religion and Ethics](#).

c) Environmental education and awareness is included in [Group 9607 Environmental Policy, Legislation and Standards](#).

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This division covers R&D directed towards law, politics and community services.

It includes:

- work and employment;
- provision of community and social services, including welfare, to individuals or community groups;
- social justice and general equity; and
- government, politics and international relations.

This division has six groups:

9401 Community Service (excl. Work)  
9402 Government and Politics  
9403 International Relations  
9404 Justice and the Law  
9405 Work and Institutional Development  
9499 Other Law, Politics and Community Services

### Exclusions:

- a) Defence and national security operations are included in [Division 81 Defence](#).
- b) International trade is included in [Group 9103 International Trade](#).
- c) Management and productivity, including industrial relations, are included in [Group 9104 Management and Productivity](#).
- d) Development and provision of community health services and their associated support services is included in the appropriate groups in [Division 92 Health](#).
- e) Ethics, including social, workplace and occupational ethics is included in [Group 9504 Religion and Ethics](#).

- f) Understanding past societies is included in [Group 9505 Understanding Past Societies](#).
- g) International environmental protection issues are included in [Group 9607 Environmental Policy, Legislation and Standards](#).

This section contains the following subsection :

[GROUP 9401 COMMUNITY SERVICE \(EXCL. WORK\)](#)

[GROUP 9402 GOVERNMENT AND POLITICS](#)

[GROUP 9403 INTERNATIONAL RELATIONS](#)

[GROUP 9404 JUSTICE AND THE LAW](#)

[GROUP 9405 WORK AND INSTITUTIONAL DEVELOPMENT](#)

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This group covers R&D directed towards providing or delivering community and welfare services to individuals or to defined community groups such as the disabled, aged persons and single parents.

This group has eighteen objectives:

- 940101 Ability and Disability
- 940102 Aboriginal and Torres Strait Islander Development and Welfare
- 940103 Ageing and Older People
- 940104 Carers' Development and Welfare
- 940105 Children's/Youth Services and Childcare
- 940106 Citizenship and National Identity
- 940107 Comparative Structure and Development of Community Services
- 940108 Distribution of Income and Wealth
- 940109 Employment Services
- 940110 Environmental Services
- 940111 Ethnicity, Multiculturalism and Migrant Development and Welfare
- 940112 Families and Family Services
- 940113 Gender and Sexualities
- 940114 Maori Development and Welfare
- 940115 Pacific Peoples Development and Welfare
- 940116 Social Class and Inequalities
- 940117 Structure, Delivery and Financing of Community Services
- 940199 Community Service (excl. Work) not elsewhere classified

**Exclusions:**

- a) Development and provision of health services to specific population groups such as the aged persons, carers, children, men and women, indigenous communities, etc. and community health education is included in [Division 92 Health](#).
- b) Unpaid work and volunteering is included in [Group 9405 Work and Institutional Development](#).
- c) Social ethics is included in [Group 9504 Religion and Ethics](#).

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This group covers R&D directed towards government and politics.

It includes:

- electoral and political systems;
- civics and citizenship; and
- public services management.

This group has five objectives:

940201 Civics and Citizenship  
940202 Electoral Systems  
940203 Political Systems  
940204 Public Services Policy Advice and Analysis  
940299 Government and Politics not elsewhere classified

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This group covers R&D directed towards improving international relations. It includes R&D relating to current social, cultural and economic aspects of other nations.

This group has six objectives:

940301 Defence and Security Policy  
940302 International Aid and Development  
940303 International Organisations  
940304 International Political Economy (excl. International Trade)  
940399 International Relations not elsewhere classified

### Exclusions:

- Defence and national security operations are included in [Division 81 Defence](#).
- International trade is included in [Group 9103 International Trade](#).
- Understanding past societies is included in [Group 9505 Understanding Past Societies](#).
- International environmental protection issues are included in [Group 9607 Environmental Policy, Legislation and Standards](#).

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This group covers R&D directed towards justice and the law.

It includes:

- legal processes;
- civil and criminal justice;
- crime prevention, law enforcement and correctional services; and
- law reform.

This group has nine objectives:

940401 Civil Justice  
940402 Crime Prevention  
940403 Criminal Justice  
940404 Law Enforcement  
940405 Law Reform  
940406 Legal Processes  
940407 Legislation, Civil and Criminal Codes  
940408 Rehabilitation and Correctional Services  
940499 Justice and the Law not elsewhere classified

### Exclusions:

a) Ethics is included in [Group 9504 Religion and Ethics](#).

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This group covers R&D directed towards aspects of work.

It includes:

- employment and work patterns;
- the professions;
- unpaid work and volunteering; and
- workplace safety.

This group has six objectives:

940501 Employment Patterns and Change  
940502 Professions and Professionalisation  
940503 Time Use, Unpaid Work and Volunteering  
940504 Work and Family Responsibilities  
940505 Workplace Safety  
940599 Work and Institutional Development not elsewhere classified

### Exclusions:

- a) Management and productivity, including industrial relations, are included in [Group 9104 Management and Productivity](#).
- b) Occupational health is included in [Group 9204 Public Health \(excl. Specific Population Health\)](#).
- c) Workplace and organisational ethics is included in [Group 9504 Religion and Ethics](#).

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This group covers R&D directed towards law, politics and community services not elsewhere classified.

This group has one objective:

949999 Law, Politics and Community Services not elsewhere classified

### Exclusions:

- a) Defence and national security operations are included in [Division 81 Defence](#).
- b) International trade is included in [Group 9103 International Trade](#).
- c) Management and productivity, including industrial relations, are included in [Group 9104 Management and Productivity](#).
- d) Development and provision of community health services and their associated support services is included in the appropriate groups in [Division 92 Health](#).
- e) Ethics, including social, workplace and occupational ethics is included in [Group 9504 Religion and Ethics](#).
- f) Understanding past societies is included in [Group 9505 Understanding Past Societies](#).
- g) International environmental protection issues are included in [Group 9607 Environmental Policy, Legislation and Standards](#).

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This division includes R&D directed towards improved understanding of culture.

It includes:

- arts and leisure activities;
- religion and ethics;
- history and heritage; and
- social and cultural aspects of communication.

This division has six groups:

9501 Arts and Leisure

9502 Communication

9503 Heritage

9504 Religion and Ethics

9505 Understanding Past Societies

9599 Other Cultural Understanding

### Exclusions:

- Communications equipment is included in [Group 8617 Communications Equipment](#).
- Urban and regional planning unrelated to heritage are included in [Group 8701 Construction Planning](#).
- Information and communication services, including media, library and information services are included in [Division 89 Information and Communication Services](#).
- Recreational services mainly of a commercial nature (e.g. casino, cinema) are included in [Group 9099 Other Commercial Services and Tourism](#).
- Moral development in individuals is included in [Group 9301 Learner and Learning](#).

f) Understanding current social, political and economic aspects of other countries is included in [Group 9403 International Relations](#).

This section contains the following subsection :

[GROUP 9501 ARTS AND LEISURE](#)

[GROUP 9502 COMMUNICATION](#)

[GROUP 9503 HERITAGE](#)

[GROUP 9504 RELIGION AND ETHICS](#)

[GROUP 9505 UNDERSTANDING PAST SOCIETIES](#)

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This group covers R&D directed towards the arts and leisure and cultural activities.

It includes:

- sport and physical endeavour;
- visual and performing arts;
- operation of race tracks, sport grounds and facilities and the provision of services to sport (including sporting clubs); and
- operation of parks, botanical and zoological gardens.

This group has six objectives:

950101 Music

950102 Organised Sports

950103 Recreation

950104 The Creative Arts (incl. Graphics and Craft)

950105 The Performing Arts (incl. Theatre and Dance)

950199 Arts and Leisure not elsewhere classified

### Exclusions:

a) Film and video services are included in [Group 8904 Media Services](#).

b) Cinemas or motion picture exhibition is included in [Group 9099 Other Commercial Services and Tourism](#).

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This group covers R&D directed towards improving understanding of the social and cultural contexts of communication.

This group has six objectives:

950201 Communication Across Languages and Culture

950202 Languages and Literacy

950203 Languages and Literature

950204 The Media

950205 Visual Communication

950299 Communication not elsewhere classified

### Exclusions:

a) Communications equipment is included in [Group 8617 Communications Equipment](#).

b) Information and communication services, including media, library and information services are included in [Division 89 Information and Communication Services](#).

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This group covers R&D directed towards heritage issues, including the conservation of natural, social and cultural heritage, and heritage aspects of urban and regional planning.

This group has twelve objectives:

- 950301 Ahuatanga Maori (Maori Tradition)
- 950302 Conserving Aboriginal and Torres Strait Islander Heritage
- 950303 Conserving Collections and Movable Cultural Heritage
- 950304 Conserving Intangible Cultural Heritage
- 950305 Conserving Natural Heritage
- 950306 Conserving Pacific Peoples Heritage
- 950307 Conserving the Historic Environment
- 950308 Matauranga Maori (Maori Knowledge)
- 950309 Taonga (Maori Artefacts)
- 950310 Tikanga Maori (Maori Customary Practices)
- 950311 Wahi Taonga (Maori Places of Significance)
- 950399 Heritage not elsewhere classified

### Exclusions:

- a) Urban and regional planning unrelated to heritage are included in [Group 8701 Construction Planning](#).

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This group covers R&D directed towards the understanding and analysis of religion and ethics.

It includes:

- understanding and analysis of ethical and religious issues of concern to social, scientific or technological development;
- applying ethical or moral theory to such issues; and
- developing codes of behaviour and standards of practice for businesses, professions and trades.

This group has ten objectives:

950401 Bioethics  
950402 Business Ethics  
950403 Environmental Ethics  
950404 Religion and Society  
950405 Religious Structures and Ritual  
950406 Religious Traditions (excl. Structures and Rituals)  
950407 Social Ethics  
950408 Technological Ethics  
950409 Workplace and Organisational Ethics  
950499 Religion and Ethics not elsewhere classified

### Exclusions:

a) Moral development in individuals is included in [Group 9301 Learner and Learning](#).

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This group covers R&D directed towards the understanding of past societies.

This group has seven objectives:

950501 Understanding Africa's Past  
950502 Understanding Asia's Past  
950503 Understanding Australia's Past  
950504 Understanding Europe's Past  
950505 Understanding New Zealand's Past  
950506 Understanding the Past of the Americas  
950599 Understanding Past Societies not elsewhere classified

### Exclusions:

a) Understanding current social, political and economic aspects of other countries is included in [Group 9403 International Relations](#).

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This group covers R&D directed towards cultural understanding not elsewhere classified.

This group has one objective:

959999 Cultural Understanding not elsewhere classified

### Exclusions:

- a) Communications equipment is included in [Group 8617 Communications Equipment](#).
- b) Urban and regional planning unrelated to heritage are included in [Group 8701 Construction Planning](#).
- c) Information and communication services, including media, library and information services are included in [Division 89 Information and Communication Services](#).
- d) Recreational services mainly of a commercial nature (e.g. casino, cinema) are included in [Group 9099 Other Commercial Services and Tourism](#).
- e) Moral development in individuals is included in [Group 9301 Learner and Learning](#).
- f) Understanding current social, political and economic aspects of other countries is included in [Group 9403 International Relations](#).

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This sector covers R&D directed towards the study and improvement of the physical environment, both of pristine and degraded or altered conditions. Such improvements may have wider benefits, but these are not the principal objectives of the R&D. It includes studies of the environmental impact of socio-economic activities as well as R&D for the development of social and economic environmental policies.

This sector has one division.

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This division has fifteen groups:

9601 Air Quality  
9602 Atmosphere and Weather  
9603 Climate and Climate Change  
9604 Control of Pests, Diseases and Exotic Species  
9605 Ecosystem Assessment and Management  
9606 Environmental and Natural Resource Evaluation  
9607 Environmental Policy, Legislation and Standards  
9608 Flora, Fauna and Biodiversity  
9609 Land and Water Management  
9610 Natural Hazards  
9611 Physical and Chemical Conditions of Water  
9612 Rehabilitation of Degraded Environments  
9613 Remnant Vegetation and Protected Conservation Areas  
9614 Soils  
9699 Other Environment

### Exclusions:

- Management of solid, liquid and gaseous wastes generated and water consumption by economic activities is included in [Sector B Economic Development](#).
- Production aspects of agricultural crops, plants and primary plant products are included in [Division 82 Plant Production and Primary Plant Products](#).
- Farming and production aspects of animals and primary animal products are included in [Division 83 Animal](#)

[Production and Primary Animal Products.](#)

- d) Conservation and efficient use of energy are included in [Group 8507 Energy Conservation and Efficiency.](#)
- e) Rural, regional and urban planning issues, including environmental impact studies of new developments, are included in [Group 8701 Construction Planning.](#)
- f) Oceanic processes that affect water safety and navigation are included in [Group 8802 Water Transport.](#)
- g) Economic aspects of resource consumption are included in [Group 9102 Microeconomics.](#)
- h) Economic aspects of the environment are included in [Group 9199 Other Economic Framework.](#)
- i) Control and treatment of human diseases within the country's borders are included in [Division 92 Health.](#)
- j) Environmental ethics is included in [Group 9504 Religion and Ethics.](#)

This section contains the following subsection :

[GROUP 9601 AIR QUALITY](#)

[GROUP 9602 ATMOSPHERE AND WEATHER](#)

[GROUP 9603 CLIMATE AND CLIMATE CHANGE](#)

[GROUP 9604 CONTROL OF PESTS, DISEASES AND EXOTIC SPECIES](#)

[GROUP 9605 ECOSYSTEM ASSESSMENT AND MANAGEMENT](#)

[GROUP 9606 ENVIRONMENTAL AND NATURAL RESOURCE EVALUATION](#)

[GROUP 9607 ENVIRONMENTAL POLICY, LEGISLATION AND STANDARDS](#)

[GROUP 9608 FLORA, FAUNA AND BIODIVERSITY](#)

[GROUP 9609 LAND AND WATER MANAGEMENT](#)

[GROUP 9610 NATURAL HAZARDS](#)

[GROUP 9611 PHYSICAL AND CHEMICAL CONDITIONS OF WATER](#)

[GROUP 9612 REHABILITATION OF DEGRADED ENVIRONMENTS](#)

[GROUP 9613 REMNANT VEGETATION AND PROTECTED CONSERVATION AREAS](#)

[GROUP 9614 SOILS](#)

[GROUP 9699 OTHER ENVIRONMENT](#)

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This group covers R&D directed towards the understanding and improvement of air quality in various environments.

This group has seven objectives:

960101 Antarctic and Sub-Antarctic Air Quality

960102 Coastal and Estuarine Air Quality

960103 Farmland, Arable Cropland and Permanent Cropland Air Quality

960104 Marine Air Quality

960105 Mining Air Quality

960106 Urban and Industrial Air Quality

960199 Air Quality not elsewhere classified

### Exclusions:

a) Environmentally sustainable ways of managing emissions of air pollutants and greenhouse gases generated by economic activities (e.g. construction, manufacturing) are included in the respective divisions in [Sector B Economic Development](#).

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This group covers R&D directed towards understanding the dynamics of atmospheric and weather systems.

This group has four objectives:

960201 Atmospheric Composition (incl. Greenhouse Gas Inventory)

960202 Atmospheric Processes and Dynamics

960203 Weather

960299 Atmosphere and Weather not elsewhere classified

### Exclusions:

a) Climate, climate change and the effects of climate change on ecosystems and societies are included in

[Group 9603 Climate and Climate Change](#).

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This group covers R&D directed towards climate and climate change. For the purpose of the classification, climate refers to the long term average condition of the weather in a given area.

It includes:

- climate and climate patterns;
- strategies to mitigate and adapt to climate change, including greenhouse gas sequestration;
- social impacts of climate change and climate change mitigation strategies;
- adaptation of ecosystems to climatic changes; and
- effects of climate change at global and at regional levels in Australia, New Zealand and the South Pacific region.

This group has twelve objectives:

960301 Climate Change Adaptation Measures

960302 Climate Change Mitigation Strategies

960303 Climate Change Models

960304 Climate Variability (excl. Social Impacts)

960305 Ecosystem Adaptation to Climate Change

960306 Effects of Climate Change and Variability on Antarctic and Sub-Antarctic Environments (excl. Social Impacts)

960307 Effects of Climate Change and Variability on Australia (excl. Social Impacts)

960308 Effects of Climate Change and Variability on New Zealand (excl. Social Impacts)

960309 Effects of Climate Change and Variability on the South Pacific (excl. Australia and New Zealand) (excl. Social Impacts)

960310 Global Effects of Climate Change and Variability (excl. Australia, New Zealand, Antarctica and the

South Pacific) (excl. Social Impacts)  
960311 Social Impacts of Climate Change and Variability  
960399 Climate and Climate Change not elsewhere classified

**Exclusions:**

- a) Atmosphere and weather, including atmospheric composition, are included in [Group 9602 Atmosphere and Weather](#).
- b) Non-climate related oceanic processes are included in [Group 9699 Other Environment](#).

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This group covers R&D directed towards the control of pests, diseases and exotic species in various natural and man-made environments. It includes quarantine and control measures within, at or outside national borders.

This group has sixteen objectives:

960401 Border Biosecurity (incl. Quarantine and Inspection)

960402 Control of Animal Pests, Diseases and Exotic Species in Coastal and Estuarine Environments

960403 Control of Animal Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments

960404 Control of Animal Pests, Diseases and Exotic Species in Forest and Woodlands Environments

960405 Control of Pests, Diseases and Exotic Species at Regional or Larger Scales

960406 Control of Pests, Diseases and Exotic Species in Fresh, Ground and Surface Water Environments

960407 Control of Pests, Diseases and Exotic Species in Marine Environments

960408 Control of Pests, Diseases and Exotic Species in Mining Environments

960409 Control of Pests, Diseases and Exotic Species in Mountain and High Country Environments

960410 Control of Pests, Diseases and Exotic Species in Sparseland, Permanent Grassland and Arid Zone Environments

960411 Control of Pests, Diseases and Exotic Species in Urban and Industrial Environments

960412 Control of Plant Pests, Diseases and Exotic Species in Coastal and Estuarine Environments

960413 Control of Plant Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments

960414 Control of Plant Pests, Diseases and Exotic Species in Forest and Woodlands Environments

960415 Pre-Border Biosecurity

960499 Control of Pests, Diseases and Exotic Species not elsewhere classified

**Exclusions:**

a) Control and treatment of human diseases within the country's borders are included in [Division 92 Health](#).

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This group covers R&D directed towards assessment and management of various ecosystems.

This group has twelve objectives:

960501 Ecosystem Assessment and Management at Regional or Larger Scales

960502 Ecosystem Assessment and Management of Antarctic and Sub-Antarctic Environments

960503 Ecosystem Assessment and Management of Coastal and Estuarine Environments

960504 Ecosystem Assessment and Management of Farmland, Arable Cropland and Permanent Cropland Environments

960505 Ecosystem Assessment and Management of Forest and Woodlands Environments

960506 Ecosystem Assessment and Management of Fresh, Ground and Surface Water Environments

960507 Ecosystem Assessment and Management of Marine Environments

960508 Ecosystem Assessment and Management of Mining Environments

960509 Ecosystem Assessment and Management of Mountain and High Country Environments

960510 Ecosystem Assessment and Management of Sparseland, Permanent Grassland and Arid Zone Environments

960511 Ecosystem Assessment and Management of Urban and Industrial Environments

960599 Ecosystem Assessment and Management not elsewhere classified

### Exclusions:

a) Assessment and evaluation of environmental and natural resources other than ecosystems are included in

[Group 9606 Environmental and Natural Resource Evaluation](#).

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This group covers R&D directed towards the assessment and evaluation of environmental and natural resources.

It includes:

- assessment and evaluation of environmental aspects of rural and urban land and water bodies, including their capacity to support human populations;
- evaluation of institutional arrangements and economic incentives for environmental protection;
- eco-verification (assessment of environmental impacts of products and services);
- environmental lifecycle assessment (assessment of environmental impacts of products and services over their lifecycle);
- environmental management systems; and
- rights of people to environmental and natural resources.

This group has twelve objectives:

960601 Economic Incentives for Environmental Protection  
960602 Eco-Verification (excl. Environmental Lifecycle Assessment)  
960603 Environmental Lifecycle Assessment  
960604 Environmental Management Systems  
960605 Institutional Arrangements for Environmental Protection  
960606 Rights to Environmental and Natural Resources (excl. Water Allocation)  
960607 Rural Land Evaluation  
960608 Rural Water Evaluation (incl. Water Quality)  
960609 Sustainability Indicators

960610 Urban Land Evaluation

960611 Urban Water Evaluation (incl. Water Quality)

960699 Environmental and Natural Resource Evaluation not elsewhere classified

**Exclusions:**

- a) Rural, regional and urban planning issues, including environmental impact studies of new developments, are included in [Group 8701 Construction Planning](#).
- b) Economic aspects of resource consumption are included in [Group 9102 Microeconomics](#).
- c) Economic aspects of the environment are included in [Group 9199 Other Economic Framework](#).
- d) Environmental ethics is included in [Group 9504 Religion and Ethics](#).
- e) Assessment of ecosystems is included in [Group 9605 Ecosystem Assessment and Management](#).
- f) Water allocation for agricultural production is included in [Group 9609 Land and Water Management](#).
- g) The evaluation of the physical and chemical conditions of water is included in [Group 9611 Physical and Chemical Conditions of Water](#).

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This group covers R&D directed towards the development of social and economic environmental policies, legislation and standards.

This group has ten objectives:

960701 Coastal and Marine Management Policy

960702 Consumption Patterns, Population Issues and the Environment

960703 Environmental Education and Awareness

960704 Land Stewardship

960705 Rural Land Policy

960706 Rural Water Policy

960707 Trade and Environment

960708 Urban Land Policy

960709 Urban Water Policy

960799 Environmental Policy, Legislation and Standards not elsewhere classified

### Exclusions:

a) Rural, regional and urban planning issues, including environmental impact studies of new developments, are included in [Group 8701 Construction Planning](#).

b) Economic aspects of resource consumption are included in [Group 9102 Microeconomics](#).

c) Non-environmental international trade policy issues are included in [Group 9103 International Trade](#).

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This group covers R&D directed towards flora, fauna and biodiversity issues in different natural environments and ecosystems, including urban and industrial environments.

This group has thirteen objectives:

- 960801 Antarctic and Sub-Antarctic Flora, Fauna and Biodiversity
- 960802 Coastal and Estuarine Flora, Fauna and Biodiversity
- 960803 Documentation of Undescribed Flora and Fauna
- 960804 Farmland, Arable Cropland and Permanent Cropland Flora, Fauna and Biodiversity
- 960805 Flora, Fauna and Biodiversity at Regional or Larger Scales
- 960806 Forest and Woodlands Flora, Fauna and Biodiversity
- 960807 Fresh, Ground and Surface Water Flora, Fauna and Biodiversity
- 960808 Marine Flora, Fauna and Biodiversity
- 960809 Mining Flora, Fauna and Biodiversity
- 960810 Mountain and High Country Flora, Fauna and Biodiversity
- 960811 Sparseland, Permanent Grassland and Arid Zone Flora, Fauna and Biodiversity
- 960812 Urban and Industrial Flora, Fauna and Biodiversity
- 960899 Flora, Fauna and Biodiversity of Environments not elsewhere classified

### Exclusions:

- a) Domesticated flora and fauna are included in [Division 82 Plant Production and Plant Primary Products](#) and [Division 83 Animal Production and Animal Primary Products](#).

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This group covers R&D directed towards land and water management in various natural environments and ecosystems. It includes urban and industrial land and water management issues, and the allocation of water for agricultural production.

This group has fourteen objectives:

- 960901 Antarctic and Sub-Antarctic Land and Water Management
- 960902 Coastal and Estuarine Land Management
- 960903 Coastal and Estuarine Water Management
- 960904 Farmland, Arable Cropland and Permanent Cropland Land Management
- 960905 Farmland, Arable Cropland and Permanent Cropland Water Management
- 960906 Forest and Woodlands Land Management
- 960907 Forest and Woodlands Water Management
- 960908 Mining Land and Water Management
- 960909 Mountain and High Country Land and Water Management
- 960910 Sparseland, Permanent Grassland and Arid Zone Land and Water Management
- 960911 Urban and Industrial Land Management
- 960912 Urban and Industrial Water Management
- 960913 Water Allocation and Quantification
- 960999 Land and Water Management of Environments not elsewhere classified

### Exclusions:

- a) The management of water consumption by economic activities is included in [Sector B Economic Development](#).
- b) Assessment and evaluation of environmental and natural resources, including rights to environmental and

natural resources other than water for agricultural production, is included in [Group 9606 Environmental and Natural Resource Evaluation](#).

c) The physical and chemical conditions of water are included in [Group 9611 Physical and Chemical Conditions of Water](#).

d) Soils are included in [Group 9614 Soils](#).

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This group covers R&D directed towards an understanding of natural hazards (such as bushfire, cyclones and storms, earthquakes, landslides, tsunamis and volcanic eruptions), their impact on lives, property and environments and the development of warning systems and control measures to minimise impacts from these hazards.

This group has eleven objectives:

961001 Natural Hazards in Antarctic and Sub-Antarctic Environments  
961002 Natural Hazards in Coastal and Estuarine Environments  
961003 Natural Hazards in Farmland, Arable Cropland and Permanent Cropland Environments  
961004 Natural Hazards in Forest and Woodlands Environments  
961005 Natural Hazards in Fresh, Ground and Surface Water Environments  
961006 Natural Hazards in Marine Environments  
961007 Natural Hazards in Mining Environments  
961008 Natural Hazards in Mountain and High Country Environments  
961009 Natural Hazards in Sparseland, Permanent Grassland and Arid Zone Environments  
961010 Natural Hazards in Urban and Industrial Environments  
961099 Natural Hazards not elsewhere classified

### Exclusions:

- Forest fire management relating to the protection of timber plantations and logging activities in native forests is included in [Group 8201 Forestry](#).
- Natural hazards arising from the effects of climate change are included in [Group 9603 Climate and Climate Change](#).

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This group covers R&D directed towards the physical and chemical conditions of water in various environments.

This group has five objectives:

961101 Physical and Chemical Conditions of Water for Urban and Industrial Use

961102 Physical and Chemical Conditions of Water in Coastal and Estuarine Environments

961103 Physical and Chemical Conditions of Water in Fresh, Ground and Surface Water Environments (excl. Urban and Industrial Use)

961104 Physical and Chemical Conditions of Water in Marine Environments

961199 Physical and Chemical Conditions of Water not elsewhere classified

### Exclusions:

a) Environmentally sustainable ways of managing water consumption and liquid waste generated by economic activities are included in [Sector B Economic Development](#).

b) Changes in the physical and chemical conditions of water due to climate change are included in [Group 9603 Climate and Climate Change](#).

c) Water evaluation, including water quality and sustainability of supply for human populations and economic activities, is included in [Group 9606 Environmental and Natural Resource Evaluation](#).

d) Water management, including management of wastewater and stormwater, is included in [Group 9609 Land and Water Management](#).

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This group covers R&D directed towards finding appropriate ways to nurture and rehabilitate seriously degraded environments back to original condition or to an improved state.

This group has nine objectives:

- 961201 Rehabilitation of Degraded Coastal and Estuarine Environments
- 961202 Rehabilitation of Degraded Farmland, Arable Cropland and Permanent Cropland Environments
- 961203 Rehabilitation of Degraded Forest and Woodlands Environments
- 961204 Rehabilitation of Degraded Fresh, Ground and Surface Water Environments
- 961205 Rehabilitation of Degraded Mining Environments
- 961206 Rehabilitation of Degraded Mountain and High Country Environments
- 961207 Rehabilitation of Degraded Sparseland, Permanent Grassland and Arid Zone Environments
- 961208 Rehabilitation of Degraded Urban and Industrial Environments
- 961299 Rehabilitation of Degraded Environments not elsewhere classified

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This group covers R&D directed towards conservation and protection of remnant vegetation in areas threatened by urban, industrial or commercial developments or other pressures.

This group has eleven objectives:

961301 Protected Conservation Areas in Antarctic and Sub-Antarctic Environments

961302 Protected Conservation Areas in Fresh, Ground and Surface Water Environments

961303 Protected Conservation Areas in Marine Environments

961304 Remnant Vegetation and Protected Conservation Areas in Coastal and Estuarine Environments

961305 Remnant Vegetation and Protected Conservation Areas in Farmland, Arable Cropland and

Permanent Cropland Environments

961306 Remnant Vegetation and Protected Conservation Areas in Forest and Woodlands Environments

961307 Remnant Vegetation and Protected Conservation Areas in Mountain and High Country Environments

961308 Remnant Vegetation and Protected Conservation Areas at Regional or Larger Scales

961309 Remnant Vegetation and Protected Conservation Areas in Sparseland, Permanent Grassland and

Arid Zone Environments

961310 Remnant Vegetation and Protected Conservation Areas in Urban and Industrial Environments

961399 Remnant Vegetation and Protected Conservation Areas not elsewhere classified

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This group covers R&D directed towards an understanding of soils and improving soil quality in various environments.

This group has eight objectives:

- 961401 Coastal and Estuarine Soils
- 961402 Farmland, Arable Cropland and Permanent Cropland Soils
- 961403 Forest and Woodlands Soils
- 961404 Mining Soils
- 961405 Mountain and High Country Soils
- 961406 Sparseland, Permanent Grassland and Arid Zone Soils
- 961407 Urban and Industrial Soils
- 961499 Soils not elsewhere classified

### Exclusions:

- a) Rehabilitation of degraded soils as part of specific degraded environments is included in [Group 9612 Rehabilitation of Degraded Environments](#).

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This group covers R&D directed towards environmental issues not elsewhere classified. It includes Antarctic and Sub-Antarctic Oceanography and oceanic processes unrelated to climate change.

This group has three objectives:

969901 Antarctic and Sub-Antarctic Oceanography  
969902 Marine Oceanic Processes (excl. Climate Related)  
969999 Environment not elsewhere classified

### Exclusions:

- a) Management of solid, liquid and gaseous wastes generated and water consumption by economic activities is included in [Sector B Economic Development](#).
- b) Production aspects of agricultural crops, plants and primary plant products are included in [Division 82 Plant Production and Primary Plant Products](#).
- c) Farming and production aspects of animals and primary animal products are included in [Division 83 Animal Production and Primary Animal Products](#).
- d) Conservation of energy and efficient ways of energy use are included in [Group 8507 Energy Conservation and Efficiency](#).
- e) Rural, regional and urban planning issues, including environmental impact studies of new developments, are included in [Group 8701 Construction Planning](#).
- f) Oceanic processes that affect water safety and navigation are included in [Group 8802 Water Transport](#).
- g) Economic aspects of resource consumption are included in [Group 9102 Microeconomics](#).
- h) Economic aspects of the environment are included in [Group 9199 Other Economic Framework](#).

- i) Control and treatment of human diseases within the country's borders are included in [Division 92 Health](#).
- j) Environmental ethics is included in [Group 9504 Religion and Ethics](#).
- k) The interaction of oceanic processes and climate is included in [Group 9603 Climate and Climate Change](#).

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This sector covers R&D which contributes to the general advancement of knowledge. This sector should only be used when no specific purpose under any of the other sectors can be identified.

This sector only includes R&D which is:

- pure basic research (i.e. R&D efforts which are undertaken to acquire new knowledge without any specific application or looking for long term benefits other than the advancement of knowledge); or
- strategic basic research (i.e. R&D efforts undertaken acquire new knowledge directed into specified broad areas in the expectation of practical discoveries).

This sector has one division.

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This division has one group.

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This group has twenty-two objectives

- 970101 Expanding Knowledge in the Mathematical Sciences
- 970102 Expanding Knowledge in the Physical Sciences
- 970103 Expanding Knowledge in the Chemical Sciences
- 970104 Expanding Knowledge in the Earth Sciences
- 970105 Expanding Knowledge in the Environmental Sciences
- 970106 Expanding Knowledge in the Biological Sciences
- 970107 Expanding Knowledge in the Agricultural and Veterinary Sciences
- 970108 Expanding Knowledge in the Information and Computing Sciences
- 970109 Expanding Knowledge in Engineering
- 970110 Expanding Knowledge in Technology
- 970111 Expanding Knowledge in the Medical and Health Sciences
- 970112 Expanding Knowledge in Built Environment and Design
- 970113 Expanding Knowledge in Education
- 970114 Expanding Knowledge in Economics
- 970115 Expanding Knowledge in Commerce, Management, Tourism and Services
- 970116 Expanding Knowledge through Studies of Human Society
- 970117 Expanding Knowledge in Psychology and Cognitive Sciences
- 970118 Expanding Knowledge in Law and Legal Studies
- 970119 Expanding Knowledge through Studies of the Creative Arts and Writing
- 970120 Expanding Knowledge in Language, Communication and Culture
- 970121 Expanding Knowledge in History and Archaeology
- 970122 Expanding Knowledge in Philosophy and Religious Studies

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#### 230000 MATHEMATICAL SCIENCES

##### 230100 MATHEMATICS

230101	Mathematical Logic, Set Theory, Lattices and Combinatorics	010104p	Combinatorics and Discrete Mathematics (excl. Physical Combinatorics)
		010107p	Mathematical Logic, Set Theory, Lattices and Universal Algebra
		010506p	Statistical Mechanics, Physical Combinatorics and Mathematical Aspects of Condensed Matter
230102	Number Theory and Field Theory	010101p	Algebra and Number Theory
230103	Rings and Algebras	010101p	Algebra and Number Theory
230104	Category Theory, K Theory, Homological Algebra	010103	Category Theory, K Theory, Homological Algebra
230105	Group Theory and Generalisations (incl. Topological Groups and Lie Groups)	010105	Group Theory and Generalisations
		010106p	Lie Groups, Harmonic and Fourier Analysis
230106	Real and Complex Functions	010111p	Real and Complex Functions (incl. Several Variables)
230107	Differential, Difference and Integral Equations	010109p	Ordinary Differential Equations, Difference Equations and Dynamical Systems
		010110	Partial Differential Equations
		010199p	Pure Mathematics not elsewhere classified

	010502pIntegrable Systems (Classical and Quantum)
	019999pMathematical Sciences not elsewhere classified
230108 Harmonic and Fourier Analysis	010106pLie Groups, Harmonic and Fourier Analysis
230109 Functional Analysis	010108pOperator Algebras and Functional Analysis
230110 Calculus of Variations and Control Theory	010203pCalculus of Variations, Systems Theory and Control Theory
230111 Geometry	010102 Algebraic and Differential Geometry
	010199pPure Mathematics not elsewhere classified
230112 Topology and Manifolds	010112 Topology
	010199pPure Mathematics not elsewhere classified
230113 Dynamical Systems	010109pOrdinary Differential Equations, Difference Equations and Dynamical Systems
230114 Functions of Several Complex Variables	010111pReal and Complex Functions (incl. Several Variables)
230115 Approximation Theory	010201pApproximation Theory and Asymptotic Methods
230116 Numerical Analysis	010301pNumerical Analysis
230117 Operations Research	010206 Operations Research
230118 Optimisation	010303 Optimisation
230119 Systems Theory and Control	010203pCalculus of Variations, Systems Theory and Control Theory
230199 Mathematics not elsewhere classified	010104pCombinatorics and Discrete Mathematics (excl. Physical Combinatorics)
	010107pMathematical Logic, Set Theory, Lattices and Universal Algebra
	010108pOperator Algebras and Functional Analysis
	010199pPure Mathematics not elsewhere classified
	010201pApproximation Theory and Asymptotic Methods
	010204 Dynamical Systems in Applications
	010207 Theoretical and Applied Mechanics
	010299 Applied Mathematics not elsewhere classified
	010302 Numerical Solution of Differential and Integral Equations
	010399 Numerical and Computational Mathematics not elsewhere classified
	010501pAlgebraic Structures in Mathematical Physics
	010502pIntegrable Systems (Classical and Quantum)
	010503pMathematical Aspects of Classical Mechanics, Quantum Mechanics and Quantum Information Theory

**230200 STATISTICS**

230201 Probability Theory  
230202 Stochastic Analysis and Modelling  
230203 Statistical Theory  
230204 Applied Statistics  
230299 Statistics not elsewhere classified

**239900 OTHER MATHEMATICAL SCIENCES**

239901 Biological Mathematics  
239902 Actuarial Mathematics  
239903 Risk theory  
239904 Theory of Graduation  
  
239999 Mathematical Sciences not elsewhere classified

**240000 PHYSICAL SCIENCES****240100 ASTRONOMICAL SCIENCES**

240101 Astronomy and Astrophysics

010504pMathematical Aspects of General Relativity  
010505pMathematical Aspects of Quantum and  
Conformal Field Theory, Quantum Gravity  
and String Theory  
010506pStatistical Mechanics, Physical  
Combinatorics and Mathematical Aspects of  
Condensed Matter  
010599pMathematical Physics not elsewhere  
classified

010404 Probability Theory  
010406 Stochastic Analysis and Modelling  
010405 Statistical Theory  
010401 Applied Statistics  
010402 Biostatistics  
010403 Forensic Statistics  
010499 Statistics not elsewhere classified

010202 Biological Mathematics  
010205pFinancial Mathematics  
010205pFinancial Mathematics  
019999pMathematical Sciences not elsewhere  
classified  
010501pAlgebraic Structures in Mathematical  
Physics  
010502pIntegrable Systems (Classical and  
Quantum)  
010503pMathematical Aspects of Classical  
Mechanics, Quantum Mechanics and  
Quantum Information Theory  
010504pMathematical Aspects of General Relativity  
010505pMathematical Aspects of Quantum and  
Conformal Field Theory, Quantum Gravity  
and String Theory  
010506pStatistical Mechanics, Physical  
Combinatorics and Mathematical Aspects of  
Condensed Matter  
010599pMathematical Physics not elsewhere  
classified  
019999pMathematical Sciences not elsewhere  
classified

010504pMathematical Aspects of General Relativity  
010505pMathematical Aspects of Quantum and  
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	020101 Astrobiology
	020102 Astronomical and Space Instrumentation
	020103 Cosmology and Extragalactic Astronomy
	020104 Galactic Astronomy
	020105 General Relativity and Gravitational Waves
	020106pHigh Energy Astrophysics; Cosmic Rays
	020107pMesospheric, Ionospheric and Magnetospheric Physics
	020108 Planetary Science (excl. Extraterrestrial Geology)
	020109 Space and Solar Physics
	020110 Stellar Astronomy and Planetary Systems
240102 Cosmic Ray Physics	020106pHigh Energy Astrophysics; Cosmic Rays
240199 Astronomical Sciences not elsewhere classified	010504pMathematical Aspects of General Relativity
	010505pMathematical Aspects of Quantum and Conformal Field Theory, Quantum Gravity and String Theory
	020199pAstronomical and Space Sciences not elsewhere classified
	020602pField Theory and String Theory
<b>240200 THEORETICAL AND CONDENSED MATTER PHYSICS</b>	
240201 Theoretical Physics	010501pAlgebraic Structures in Mathematical Physics
	010502pIntegrable Systems (Classical and Quantum)
	010503pMathematical Aspects of Classical Mechanics, Quantum Mechanics and Quantum Information Theory
	010504pMathematical Aspects of General Relativity
	010505pMathematical Aspects of Quantum and Conformal Field Theory, Quantum Gravity and String Theory
	010506pStatistical Mechanics, Physical Combinatorics and Mathematical Aspects of Condensed Matter
	010599pMathematical Physics not elsewhere classified
	020199pAstronomical and Space Sciences not elsewhere classified
	020299pAtomic, Molecular, Nuclear, Particle and Plasma Physics not elsewhere classified
	020399pClassical Physics not elsewhere classified
	020499pCondensed Matter Physics not elsewhere

	classified
	020599pOptical Physics not elsewhere classified
	020601pDegenerate Quantum Gases and Atom Optics
	020602pField Theory and String Theory
	020603pQuantum Information, Computation and Communication
	020699pQuantum Physics not elsewhere classified
	029999pPhysical Sciences not elsewhere classified
240202 Condensed Matter Physics - Structural Properties	010506pStatistical Mechanics, Physical Combinatorics and Mathematical Aspects of Condensed Matter
	020406 Surfaces and Structural Properties of Condensed Matter
240203 Condensed Matter Physics - Electronic and Magnetic Properties; Superconductivity	010506pStatistical Mechanics, Physical Combinatorics and Mathematical Aspects of Condensed Matter
	020404 Electronic and Magnetic Properties of Condensed Matter; Superconductivity
240204 Condensed Matter Physics - Other	010506pStatistical Mechanics, Physical Combinatorics and Mathematical Aspects of Condensed Matter
	020401 Condensed Matter Characterisation Technique Development
	020402 Condensed Matter Imaging
	020403 Condensed Matter Modelling and Density Functional Theory
	020405 Soft Condensed Matter
	020499pCondensed Matter Physics not elsewhere classified
<b>240300 ATOMIC AND MOLECULAR PHYSICS; NUCLEAR AND PARTICLE PHYSICS; PLASMA PHYSICS</b>	
240301 Atomic and Molecular Physics	020201 Atomic and Molecular Physics
240302 Nuclear and Particle Physics	020202 Nuclear Physics
	020203 Particle Physics
240303 Plasmas and Electrical Discharges	020204pPlasma Physics; Fusion Plasmas; Electrical Discharges
240304 Other Plasma Physics	020204pPlasma Physics; Fusion Plasmas; Electrical Discharges
	020299pAtomic, Molecular, Nuclear, Particle and Plasma Physics not elsewhere classified
<b>240400 OPTICAL PHYSICS</b>	
240401 Optics and Opto-electronic Physics	020501pClassical and Physical Optics
	020503pNonlinear Optics and Spectroscopy
	020504pPhotonics, Optoelectronics and Optical

240402 Quantum Optics and Lasers	Communications
	020502pLasers and Quantum Electronics
	020603pQuantum Information, Computation and Communication
	020604 Quantum Optics
240499 Optical Physics not elsewhere classified	020501pClassical and Physical Optics
	020502pLasers and Quantum Electronics
	020503pNonlinear Optics and Spectroscopy
	020504pPhotonics, Optoelectronics and Optical Communications
	020599pOptical Physics not elsewhere classified
240501 Acoustics and Acoustical Devices; Waves	020601pDegenerate Quantum Gases and Atom Optics
<b>240500 CLASSICAL PHYSICS</b>	
240502 Fluid Physics	010502pIntegrable Systems (Classical and Quantum)
	010503pMathematical Aspects of Classical Mechanics, Quantum Mechanics and Quantum Information Theory
	020301 Acoustics and Acoustical Devices; Waves
	010502pIntegrable Systems (Classical and Quantum)
240503 Thermodynamics and Statistical Physics	010503pMathematical Aspects of Classical Mechanics, Quantum Mechanics and Quantum Information Theory
	020303 Fluid Physics
	010502pIntegrable Systems (Classical and Quantum)
	010506pStatistical Mechanics, Physical Combinatorics and Mathematical Aspects of Condensed Matter
240504 Electrostatics and Electrodynamics	020304 Thermodynamics and Statistical Physics
	010502pIntegrable Systems (Classical and Quantum)
	010503pMathematical Aspects of Classical Mechanics, Quantum Mechanics and Quantum Information Theory
	020302 Electrostatics and Electrodynamics
240599 Classical Physics not elsewhere classified	010502pIntegrable Systems (Classical and Quantum)
	010503pMathematical Aspects of Classical Mechanics, Quantum Mechanics and Quantum Information Theory
	020399pClassical Physics not elsewhere classified
<b>249900 OTHER PHYSICAL SCIENCES</b>	
249901 Biophysics	029901 Biological Physics

249902 Medical Physics  
249903 Instruments and Techniques  
  
249999 Physical Sciences not elsewhere  
classified

029903 Medical Physics  
029904 Synchrotrons; Accelerators; Instruments and  
Techniques  
010501pAlgebraic Structures in Mathematical  
Physics  
010502pIntegrable Systems (Classical and  
Quantum)  
010503pMathematical Aspects of Classical  
Mechanics, Quantum Mechanics and  
Quantum Information Theory  
010504pMathematical Aspects of General Relativity  
010505pMathematical Aspects of Quantum and  
Conformal Field Theory, Quantum Gravity  
and String Theory  
010506pStatistical Mechanics, Physical  
Combinatorics and Mathematical Aspects of  
Condensed Matter  
010599pMathematical Physics not elsewhere  
classified  
020601pDegenerate Quantum Gases and Atom  
Optics  
020603pQuantum Information, Computation and  
Communication  
020699pQuantum Physics not elsewhere classified  
029902 Complex Physical Systems  
029999pPhysical Sciences not elsewhere classified

**250000 CHEMICAL SCIENCES**  
**250100 PHYSICAL CHEMISTRY (INCL.**  
**STRUCTURAL)**

250101 Chemical Thermodynamics and  
Energetics  
250102 Chemistry of Catalysis  
250103 Colloid and Surface Chemistry  
250104 Chemical Spectroscopy  
250105 Structural Chemistry  
250106 Mechanisms of Reactions  
250107 Electrochemistry  
250199 Physical Chemistry not elsewhere  
classified

030602 Chemical Thermodynamics and Energetics  
  
030601pCatalysis and Mechanisms of Reactions  
030603 Colloid and Surface Chemistry  
030606pStructural Chemistry and Spectroscopy  
030606pStructural Chemistry and Spectroscopy  
030601pCatalysis and Mechanisms of Reactions  
030604 Electrochemistry  
030605 Solution Chemistry  
  
030607 Transport Properties and Non-Equilibrium  
Processes  
030699 Physical Chemistry not elsewhere classified

**250200 INORGANIC CHEMISTRY**  
250201 Transition Metal Chemistry  
250202 Main Group Metal Chemistry  
250203 Solid State Chemistry

030207 Transition Metal Chemistry  
030204 Main Group Metal Chemistry  
030206 Solid State Chemistry

250204 Bioinorganic Chemistry  
250205 Non-Metal Chemistry  
250206 f-Block Chemistry  
250299 Inorganic Chemistry not elsewhere  
classified

**250300 ORGANIC CHEMISTRY**

250301 Organic Chemical Synthesis  
250302 Biological and Medical Chemistry

250303 Physical Organic Chemistry  
250399 Organic Chemistry not elsewhere  
classified

**250400 ANALYTICAL CHEMISTRY**

250401 Separation Science  
250402 Analytical Spectrometry  
250403 Electroanalytical Chemistry  
250404 Flow Analysis  
250405 Sensor (Chemical and Bio-) Technology

250406 Immunological and Bioassay Methods  
250407 Other Instrumental Methods

250408 Chemometrics

250409 Quality Assurance, Traceability and  
Metrological Chemistry

250499 Analytical Chemistry not elsewhere

030201 Bioinorganic Chemistry  
030205 Non-metal Chemistry  
030202 f-Block Chemistry  
030203 Inorganic Green Chemistry

030299 Inorganic Chemistry not elsewhere classified

030503 Organic Chemical Synthesis  
030401 Biologically Active Molecules  
030402 Biomolecular Modelling and Design  
030403 Characterisation of Biological  
Macromolecules  
030404 Cheminformatics and Quantitative Structure-  
Activity Relationships  
030405 Molecular Medicine  
030406 Proteins and Peptides  
030499 Medicinal and Biomolecular Chemistry not  
elsewhere classified

030505 Physical Organic Chemistry  
030501 Free Radical Chemistry

030502 Natural Products Chemistry  
030504 Organic Green Chemistry  
030599 Organic Chemistry not elsewhere classified

030108 Separation Science  
030101 Analytical Spectrometry  
030102 Electroanalytical Chemistry  
030103 Flow Analysis  
030107 Sensor Technology (Chemical aspects)  
100101pAgricultural Biotechnology Diagnostics (incl.  
Biosensors)  
100204pEnvironmental Biotechnology Diagnostics  
(incl. Biosensors)  
100304pIndustrial Biotechnology Diagnostics (incl.  
Biosensors)  
100402pMedical Biotechnology Diagnostics (incl.  
Biosensors)

030104 Immunological and Bioassay Methods  
030105 Instrumental Methods (excl. Immunological  
and Bioassay Methods)

030106pQuality Assurance, Chemometrics,  
Traceability and Metrological Chemistry

030106pQuality Assurance, Chemometrics,  
Traceability and Metrological Chemistry

030199 Analytical Chemistry not elsewhere

classified  
**250500 MACROMOLECULAR CHEMISTRY**  
250501 Synthesis of Macromolecules  
250502 Physical Chemistry of Macromolecules  
250503 Characterisation of Macromolecules  
250504 Polymerisation Mechanisms  
250599 Macromolecular Chemistry not  
elsewhere classified

**250600 THEORETICAL AND  
COMPUTATIONAL CHEMISTRY**

250601 Quantum Chemistry  
250602 Statistical Mechanics  
  
250603 Reaction Kinetics and Dynamics  
250604 Radiation and Matter  
250605 Theory of Materials  
250606 Macromolecular Design  
250699 Theoretical and Computational  
Chemistry not elsewhere classified

**259900 OTHER CHEMICAL SCIENCES**

259901 Organometallic Chemistry  
259902 Environmental Chemistry (incl.  
Atmospheric Chemistry)  
259903 Industrial Chemistry  
259904 Supramolecular Chemistry  
  
259999 Chemical Sciences not elsewhere  
classified

**260000 EARTH SCIENCES**

**260100 GEOLOGY**

260101 Mineralogy and Crystallography  
260102 Igneous and Metamorphic Petrology  
260103 Vulcanology

classified  
030306pSynthesis of Materials  
030304pPhysical Chemistry of Materials  
030301pChemical Characterisation of Materials  
030305 Polymerisation Mechanisms  
030303pOptical Properties of Materials  
  
030399pMacromolecular and Materials Chemistry  
not elsewhere classified  
  
030701 Quantum Chemistry  
010506pStatistical Mechanics, Physical  
Combinatorics and Mathematical Aspects of  
Condensed Matter  
030704 Statistical Mechanics in Chemistry  
030703 Reaction Kinetics and Dynamics  
030702 Radiation and Matter  
030307pTheory and Design of Materials  
030307pTheory and Design of Materials  
030799 Theoretical and Computational Chemistry  
not elsewhere classified  
  
039904 Organometallic Chemistry  
039901 Environmental Chemistry (incl. Atmospheric  
Chemistry)  
039903 Industrial Chemistry  
030302pNanochemistry and Supramolecular  
Chemistry  
030301pChemical Characterisation of Materials  
  
030302pNanochemistry and Supramolecular  
Chemistry  
030303pOptical Properties of Materials  
030304pPhysical Chemistry of Materials  
030306pSynthesis of Materials  
030399pMacromolecular and Materials Chemistry  
not elsewhere classified  
039902 Forensic Chemistry  
039999 Chemical Sciences not elsewhere classified

040306 Mineralogy and Crystallography  
040304 Igneous and Metamorphic Petrology  
040314 Vulcanology

260104 Sedimentology	040310 Sedimentology
260105 Petroleum Geology	040309 Petroleum and Coal Geology
260106 Ore Deposit Petrology	040307 Ore Deposit Petrology
260107 Structural Geology	040312 Structural Geology
260108Geotectonics	040313 Tectonics
260109Geochronology	040303 Geochronology
260110Biostratigraphy	040311pStratigraphy (incl. Biostratigraphy and Sequence Stratigraphy)
260111Other Stratigraphy (incl. Sequence Stratigraphy)	040311pStratigraphy (incl. Biostratigraphy and Sequence Stratigraphy)
260112Palaeontology	040308pPalaeontology (incl. Palynology)
260113Palynology	040308pPalaeontology (incl. Palynology)
260114Geomorphology	040601pGeomorphology and Regolith and Landscape Evolution
260115Glaciology	040602 Glaciology
260199Geology not elsewhere classified	040301 Basin Analysis
	040302 Extraterrestrial Geology
	040305 Marine Geoscience
	040399 Geology not elsewhere classified
<b>260200 GEOPHYSICS</b>	
260201Gravity	040405 Gravimetrics
260202Geomagnetism	040406 Magnetism and Palaeomagnetism
260203Electromagnetism	040401 Electrical and Electromagnetic Methods in Geophysics
260204Petrophysics	040499pGeophysics not elsewhere classified
260205Explosion Seismology	040407pSeismology and Seismic Exploration
260206Earthquake Seismology	040407pSeismology and Seismic Exploration
260207Radiometrics	040404 Geothermics and Radiometrics
260299Geophysics not elsewhere classified	040402 Geodynamics
	040403 Geophysical Fluid Dynamics
	040499pGeophysics not elsewhere classified
<b>260300 GEOCHEMISTRY</b>	
260301Geochronology and Isotope Geochemistry	040203 Isotope Geochemistry
260302Exploration Geochemistry	040299pGeochemistry not elsewhere classified
260303Organic Geochemistry not elsewhere classified	040201 Exploration Geochemistry
260304Inorganic Geochemistry not elsewhere classified	040204 Organic Geochemistry
260399Geochemistry not elsewhere classified	040202 Inorganic Geochemistry
	040299pGeochemistry not elsewhere classified
<b>260400 OCEANOGRAPHY</b>	
260401Biological Oceanography	040501 Biological Oceanography
260402Chemical Oceanography	040502 Chemical Oceanography
260403Physical Oceanography	040503 Physical Oceanography

260499 Oceanography not elsewhere classified	040599 Oceanography not elsewhere classified
<b>260500 HYDROLOGY</b>	
260501 Groundwater Hydrology	040603 Hydrogeology
260502 Surfacewater Hydrology	040608 Surfacewater Hydrology
260599 Hydrology not elsewhere classified	040699p Physical Geography and Environmental Geoscience not elsewhere classified
<b>260600 ATMOSPHERIC SCIENCES</b>	
260601 Meteorology	040107 Meteorology
260602 Climatology (incl. Palaeoclimatology)	040104 Climate Change Processes
	040105 Climatology (excl. Climate Change Processes)
	040605 Palaeoclimatology
260603 Ionospheric and Magnetospheric Physics	020107p Mesospheric, Ionospheric and Magnetospheric Physics
260699 Atmospheric Sciences not elsewhere classified	040101 Atmospheric Aerosols
	040102 Atmospheric Dynamics
	040103 Atmospheric Radiation
	040106 Cloud Physics
	040108 Tropospheric and Stratospheric Physics
	040199 Atmospheric Sciences not elsewhere classified
<b>269900 OTHER EARTH SCIENCES</b>	
269901 Physical Geography	040604 Natural Hazards
	040606 Quaternary Environments
	040607 Surface Processes
	040699p Physical Geography and Environmental Geoscience not elsewhere classified
269999 Earth Sciences not elsewhere classified	040601p Geomorphology and Regolith and Landscape Evolution
	049999 Earth Sciences not elsewhere classified
<b>270000 BIOLOGICAL SCIENCES</b>	
<b>270100 BIOCHEMISTRY AND CELL BIOLOGY</b>	
270101 Analytical Biochemistry	060101 Analytical Biochemistry
270102 Cell Metabolism	060104 Cell Metabolism
270103 Protein Targeting and Signal Transduction	060108 Protein Trafficking
	060111 Signal Transduction
270104 Membrane Biology	060110p Receptors and Membrane Biology
270105 Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)	060106 Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)
270106 Cell Development (incl. Cell Division and Apoptosis)	060103 Cell Development, Proliferation and Death
270107 Cell Neurochemistry	060105 Cell Neurochemistry
270108 Enzymes	060107 Enzymes

270199Biochemistry and Cell Biology not elsewhere classified	060102 Bioinformatics
	060109 Proteomics and Intermolecular Interactions (excl. Medical Proteomics)
	060110pReceptors and Membrane Biology
	060112 Structural Biology (incl. Macromolecular Modelling)
	060113 Synthetic Biology
	060114 Systems Biology
	060199 Biochemistry and Cell Biology not elsewhere classified
<b>270200 GENETICS</b>	
270201Gene Expression	060405pGene Expression (incl. Microarray and other genome-wide approaches)
270202Genome Structure	060407pGenome Structure and Regulation
270203Population and Ecological Genetics	060411pPopulation, Ecological and Evolutionary Genetics
270204Anthropological Genetics	060401 Anthropological Genetics
270205Genetic Development (incl. Sex Determination)	060403 Developmental Genetics (incl. Sex Determination)
270206Genetic Immunology	060406 Genetic Immunology
270207Quantitative Genetics	060412 Quantitative Genetics (incl. Disease and Trait Mapping Genetics)
270208Molecular Evolution	060409 Molecular Evolution
270209Meiosis and Recombination	060402 Cell and Nuclear Division
270210Neurogenetics	060410 Neurogenetics
270299Genetics not elsewhere classified	060404 Epigenetics (incl. Genome Methylation and Epigenomics)
	060405pGene Expression (incl. Microarray and other genome-wide approaches)
	060407pGenome Structure and Regulation
	060408 Genomics
	060411pPopulation, Ecological and Evolutionary Genetics
	060499 Genetics not elsewhere classified
<b>270300 MICROBIOLOGY</b>	
270301Bacteriology	060501 Bacteriology
270302Archaeobacteriology	060599pMicrobiology not elsewhere classified
270303Virology	060506 Virology
270304Infectious Agents	060502 Infectious Agents
270305Mycology	060505 Mycology
270306Microbial Genetics	060503 Microbial Genetics
270307Microbial Ecology	060504 Microbial Ecology
270308Microbial Systematics, Taxonomy and Phylogeny	060309pPhylogeny and Comparative Analysis
	060399pEvolutionary Biology not elsewhere classified
270399Microbiology not elsewhere classified	060599pMicrobiology not elsewhere classified

**270400 BOTANY**

270401 Plant Systematics, Taxonomy and Phylogeny	060309p Phylogeny and Comparative Analysis
	060310 Plant Systematics and Taxonomy
270402 Plant Physiology	060705 Plant Physiology
270403 Plant Pathology	060704 Plant Pathology
270404 Phycology	060701 Phycology (incl. Marine Grasses)
270499 Botany not elsewhere classified	060702 Plant Cell and Molecular Biology
	060703 Plant Developmental and Reproductive Biology
	060799 Plant Biology not elsewhere classified

**270500 ZOOLOGY**

270501 Animal Systematics, Taxonomy and Phylogeny	060301 Animal Systematics and Taxonomy
	060309p Phylogeny and Comparative Analysis
270502 Neurobiology	060805 Animal Neurobiology
270503 Animal Anatomy and Histology	060807 Animal Structure and Function
270504 Invertebrate Biology	060808 Invertebrate Biology
270599 Zoology not elsewhere classified	060801 Animal Behaviour
	060802 Animal Cell and Molecular Biology
	060803 Animal Developmental and Reproductive Biology
	060804 Animal Immunology
	060806 Animal Physiological Ecology
	060809 Vertebrate Biology
	060899 Zoology not elsewhere classified

**270600 PHYSIOLOGY**

270601 Animal Physiology - Biophysics	060601 Animal Physiology - Biophysics
270602 Animal Physiology - Cell	060602 Animal Physiology - Cell
270603 Animal Physiology - Systems	060603 Animal Physiology - Systems
270604 Comparative Physiology	060604 Comparative Physiology
270699 Physiology not elsewhere classified	060699 Physiology not elsewhere classified

**270700 ECOLOGY AND EVOLUTION**

270701 Freshwater Ecology	060204 Freshwater Ecology
270702 Marine and Estuarine Ecology (incl. Marine Ichthyology)	060205 Marine and Estuarine Ecology (incl. Marine Ichthyology)
270703 Terrestrial Ecology	060208 Terrestrial Ecology
270704 Landscape Ecology	050104 Landscape Ecology
270705 Palaeoecology	060206 Palaeoecology
270706 Life Histories (incl. Population Ecology)	060207 Population Ecology
	060308 Life Histories
270707 Sociobiology and Behavioural Ecology	060201 Behavioural Ecology
	060304p Ethology and Sociobiology
270708 Conservation and Biodiversity	050202p Conservation and Biodiversity
270709 Biogeography	060302p Biogeography and Phylogeography
270799 Ecology and Evolution not	050101 Ecological Impacts of Climate Change

elsewhere classified

050102 Ecosystem Function  
050103 Invasive Species Ecology  
050199 Ecological Applications not elsewhere classified  
060202 Community Ecology (excl. Invasive Species Ecology)  
060203 Ecological Physiology  
060299 Ecology not elsewhere classified  
060302pBiogeography and Phylogeography  
060303 Biological Adaptation  
060304pEthology and Sociobiology  
060305 Evolution of Developmental Systems  
060306 Evolutionary Impacts of Climate Change  
060307 Host-Parasite Interactions  
060309pPhylogeny and Comparative Analysis  
060311 Speciation and Extinction  
060399pEvolutionary Biology not elsewhere classified

**270800 BIOTECHNOLOGY**

270801 Gene Therapy  
270802 Diagnostic Applications

100401pGene and Molecular Therapy  
100101pAgricultural Biotechnology Diagnostics (incl. Biosensors)  
100204pEnvironmental Biotechnology Diagnostics (incl. Biosensors)  
100304pIndustrial Biotechnology Diagnostics (incl. Biosensors)  
100402pMedical Biotechnology Diagnostics (incl. Biosensors)

270803 Transgenesis  
270804 Genetic Technologies:  
Transformation, Site-directed  
Mutagenesis, etc.

100109 Transgenesis  
100103pAgricultural Molecular Engineering of Nucleic Acids and Proteins  
100206pEnvironmental Molecular Engineering of Nucleic Acids and Proteins  
100306pIndustrial Molecular Engineering of Nucleic Acids and Proteins  
100403pMedical Molecular Engineering of Nucleic Acids and Proteins

270805 Genetic Engineering and Enzyme  
Technology

100104pGenetically Modified Animals  
100105pGenetically Modified Field Crops and Pasture  
100106pGenetically Modified Horticulture Plants  
100107pGenetically Modified Trees  
100301pBiocatalysis and Enzyme Technology  
100102 Agricultural Marine Biotechnology

270899 Biotechnology not elsewhere  
classified

100103pAgricultural Molecular Engineering of Nucleic

	Acids and Proteins
100104p	Genetically Modified Animals
100108p	Livestock cloning
100199	Agricultural Biotechnology not elsewhere classified
100201	Biodiscovery
100202	Biological Control
100205	Environmental Marine Biotechnology
100206p	Environmental Molecular Engineering of Nucleic Acids and Proteins
100299	Environmental Biotechnology not elsewhere classified
100306p	Industrial Molecular Engineering of Nucleic Acids and Proteins
100403p	Medical Molecular Engineering of Nucleic Acids and Proteins
100404p	Regenerative Medicine (incl. Stem Cells and Tissue Engineering)
100499p	Medical Biotechnology not elsewhere classified

## **279900 OTHER BIOLOGICAL SCIENCES**

279901	Global Change Biology	069902	Global Change Biology
279999	Biological Sciences not elsewhere classified	069901	Forensic Biology

069999 Biological Sciences not elsewhere classified

## **280000 INFORMATION, COMPUTING AND COMMUNICATION SCIENCES**

### **280100 INFORMATION SYSTEMS**

280101	Information Systems Organisation	080610	Information Systems Organisation
280102	Information Systems Management	080609	Information Systems Management
280103	Information Storage, Retrieval and Management	080704	Information Retrieval and Web Search
		080708	Records and Information Management (excl. Business Records and Information Management)
		150301p	Business Information Management (incl. Records, Knowledge and Information Management, and Intelligence)
280104	Computer-Human Interaction	080602	Computer-Human Interaction
280105	Interfaces and Presentation (excl. Computer-Human Interaction)	080699p	Information Systems not elsewhere classified
280106	Interorganisational Information Systems	080612p	Interorganisational Information Systems and Web Services
280107	Global Information Systems	080606	Global Information Systems
280108	Database Management	080604	Database Management
280109	Decision Support and Group Support Systems	080605	Decision Support and Group Support Systems
280110	Systems Theory	080611	Information Systems Theory
280111	Conceptual Modelling	080603	Conceptual Modelling

280112Information Systems Development Methodologies	080608 Information Systems Development Methodologies
280199Information Systems not elsewhere classified	080601 Aboriginal and Torres Strait Islander Information and Knowledge Systems
	080607 Information Engineering and Theory
	080612pInterorganisational Information Systems and Web Services
	080613 Maori Information and Knowledge Systems
	080614 Pacific Peoples Information and Knowledge Systems
	080699pInformation Systems not elsewhere classified

## **280200 ARTIFICIAL INTELLIGENCE AND SIGNAL AND IMAGE PROCESSING**

280201Expert Systems	080105 Expert Systems
280202Computer Graphics	080103 Computer Graphics
280203Image Processing	080106 Image Processing
280204Signal Processing	090609 Signal Processing
280205Text Processing	080107pNatural Language Processing
280206Speech Recognition	080107pNatural Language Processing
280207Pattern Recognition	080109pPattern Recognition and Data Mining
280208Computer Vision	080104 Computer Vision
280209Intelligent Robotics	080101pAdaptive Agents and Intelligent Robotics
280210Simulation and Modelling	080110 Simulation and Modelling
280211Virtual Reality and Related Simulation	080111 Virtual Reality and Related Simulation
280212Neural Networks, Genetic Algorithms and Fuzzy Logic	080108 Neural, Evolutionary and Fuzzy Computation
280213Other Artificial Intelligence	080101pAdaptive Agents and Intelligent Robotics
	080102 Artificial Life
	080109pPattern Recognition and Data Mining
	080199 Artificial Intelligence and Image Processing not elsewhere classified

## **280300 COMPUTER SOFTWARE**

280301Programming Techniques	080399pComputer Software not elsewhere classified
280302Software Engineering	080309 Software Engineering
280303Programming Languages	080308 Programming Languages
280304Operating Systems	080307 Operating Systems
280305Multimedia Programming	080305 Multimedia Programming
280399Computer Software not elsewhere classified	080301 Bioinformatics Software
	080302 Computer System Architecture
	080303 Computer System Security
	080304 Concurrent Programming
	080306 Open Software
	080399pComputer Software not elsewhere classified

## **280400 COMPUTATION THEORY AND**

**MATHEMATICS**

280401 Analysis of Algorithms and Complexity	080201 Analysis of Algorithms and Complexity
280402 Mathematical Logic and Formal Languages	080203 Computational Logic and Formal Languages
280403 Logics and Meanings of Programs	080299p Computation Theory and Mathematics not elsewhere classified
280404 Numerical Analysis	010301p Numerical Analysis
	080205 Numerical Computation
280405 Discrete Mathematics	010104p Combinatorics and Discrete Mathematics (excl. Physical Combinatorics)
	080202 Applied Discrete Mathematics
280406 Mathematical Software	080204 Mathematical Software
280499 Computation Theory and Mathematics not elsewhere classified	080299p Computation Theory and Mathematics not elsewhere classified

**280500 DATA FORMAT**

280501 Data Structures	080403 Data Structures
280502 Data Storage Representations	080499p Data Format not elsewhere classified
280503 Files	080499p Data Format not elsewhere classified
280504 Data Encryption	080402 Data Encryption
280505 Data Security	080499p Data Format not elsewhere classified
280506 Coding and Information Theory	080401 Coding and Information Theory
280599 Data Format not elsewhere classified	080404 Markup Languages
	080499p Data Format not elsewhere classified

**289900 OTHER INFORMATION, COMPUTING AND COMMUNICATION SCIENCES**

289999 Other Information, Computing and Communication Sciences	080501 Distributed and Grid Systems
	080502 Mobile Technologies
	080503 Networking and Communications
	080504 Ubiquitous Computing
	080505 Web Technologies (excl. Web Search)
	080599 Distributed Computing not elsewhere classified
	080701 Aboriginal and Torres Strait Islander Knowledge Management
	080702 Health Informatics
	080703 Human Information Behaviour
	080705 Informetrics
	080707 Organisation of Information and Knowledge Resources
	080709 Social and Community Informatics
	080799 Library and Information Studies not elsewhere classified
	089999p Information and Computing Sciences not elsewhere classified

**290000 ENGINEERING AND TECHNOLOGY****290100 INDUSTRIAL BIOTECHNOLOGY****AND FOOD SCIENCES**

290101	Fermentation, Biotechnology and Industrial Microbiology	100302p	Bioprocessing, Bioproduction and Bioproducts
		100303	Fermentation
		100305	Industrial Microbiology (incl. Biofeedstocks)
290102	Food Engineering	090802	Food Engineering
290103	Food Processing	090805	Food Processing
290104	Other Food Sciences	090801	Food Chemistry and Molecular Gastronomy (excl. Wine)
		090803	Food Nutritional Balance
		090804	Food Packaging, Preservation and Safety
		090806	Wine Chemistry and Wine Sensory Science
		090899	Food Sciences not elsewhere classified
290105	Other Industrial Biotechnology	100301p	Biocatalysis and Enzyme Technology
		100302p	Bioprocessing, Bioproduction and Bioproducts
		100306p	Industrial Molecular Engineering of Nucleic Acids and Proteins
		100399	Industrial Biotechnology not elsewhere classified

**290200 AEROSPACE ENGINEERING**

290201	Aerodynamics	090101	Aerodynamics (excl. Hypersonic Aerodynamics)
		090107	Hypersonic Propulsion and Hypersonic Aerodynamics
290202	Flight Dynamics	090106	Flight Dynamics
290203	Aerospace Structures	090103	Aerospace Structures
290204	Aircraft Performance	090104p	Aircraft Performance and Flight Control Systems
290205	Flight Control Systems	090104p	Aircraft Performance and Flight Control Systems
290206	Aerospace Electrical Systems	090199p	Aerospace Engineering not elsewhere classified
290207	Satellite, Space Vehicle and Missile Design	090108p	Satellite, Space Vehicle and Missile Design and Testing
290299	Aerospace Engineering not elsewhere classified	090102	Aerospace Materials
		090105	Avionics
		090108p	Satellite, Space Vehicle and Missile Design and Testing
		090199p	Aerospace Engineering not elsewhere classified

**290300 MANUFACTURING ENGINEERING**

290301	Robotics and Mechatronics	090203p	Automotive Mechatronics
		090602p	Control Systems, Robotics and Automation

	091007 Manufacturing Robotics and Mechatronics (excl. Automotive Mechatronics)
290302 Flexible Manufacturing Systems	091002 Flexible Manufacturing Systems
290303 CAD/CAM Systems	091001 CAD/CAM Systems
290304 Control Engineering	091302pAutomation and Control Engineering
290305 Welding Technology	091006pManufacturing Processes and Technologies (excl. Textiles)
	091012 Textile Technology
290306 Textile Technology	091006pManufacturing Processes and Technologies (excl. Textiles)
290307 Printing Technology	
	091010 Packaging, Storage and Transportation (excl. Food and Agricultural Products)
290308 Packaging, Storage and Transportation	091008 Manufacturing Safety and Quality
290309 Safety and Quality	091003 Machine Tools
290399 Manufacturing Engineering not elsewhere classified	
	091004 Machining
	091005 Manufacturing Management
	091009 Microtechnology
	091011 Precision Engineering
	091099 Manufacturing Engineering not elsewhere classified
<b>290400 AUTOMOTIVE ENGINEERING</b>	
290401 Automotive Engineering	090202 Automotive Engineering Materials
	090203pAutomotive Mechatronics
	090204 Automotive Safety Engineering
	090205 Hybrid Vehicles and Powertrains
	090299 Automotive Engineering not elsewhere classified
<b>290500 MECHANICAL AND INDUSTRIAL ENGINEERING</b>	
290501 Mechanical Engineering	091301pAcoustics and Noise Control (excl. Architectural Acoustics)
	091302pAutomation and Control Engineering
	091303pAutonomous Vehicles
	091304pDynamics, Vibration and Vibration Control
	091305pEnergy Generation, Conversion and Storage Engineering
	091306pMicroelectromechanical Systems (MEMS)
	091307pNumerical Modelling and Mechanical Characterisation
	091308pSolid Mechanics
	091309pTribology
	091399pMechanical Engineering not elsewhere classified
290502 Industrial Engineering	091301pAcoustics and Noise Control (excl. Architectural Acoustics)

	091302pAutomation and Control Engineering
	091303pAutonomous Vehicles
	091304pDynamics, Vibration and Vibration Control
	091305pEnergy Generation, Conversion and Storage Engineering
	091306pMicroelectromechanical Systems (MEMS)
	091307pNumerical Modelling and Mechanical Characterisation
	091308pSolid Mechanics
	091309pTribology
	091399pMechanical Engineering not elsewhere classified
<b>290600 CHEMICAL ENGINEERING</b>	
290601 Chemical Engineering Design	090403 Chemical Engineering Design
290602 Process Control and Simulation	090407 Process Control and Simulation
290603 Membrane and Separation Technologies	090404 Membrane and Separation Technologies
290699 Chemical Engineering not elsewhere classified	090401 Carbon Capture Engineering (excl. Sequestration)
	090402 Catalytic Process Engineering
	090406 Powder and Particle Technology
	090408 Rheology
	090409 Wastewater Treatment Processes
	090410 Water Treatment Processes
	090499 Chemical Engineering not elsewhere classified
<b>290700 RESOURCES ENGINEERING</b>	
290701 Mining Engineering	091405 Mining Engineering
290702 Mineral Processing	091404 Mineral Processing/Beneficiation
290703 Petroleum and Reservoir Engineering	091406 Petroleum and Reservoir Engineering
290704 Geomechanics	091402pGeomechanics and Resources Geotechnical Engineering
290799 Resources Engineering not elsewhere classified	091499 Resources Engineering and Extractive Metallurgy not elsewhere classified
<b>290800 CIVIL ENGINEERING</b>	
290801 Structural Engineering	090506 Structural Engineering
290802 Water and Sanitary Engineering	090508 Water Quality Engineering
	090509 Water Resources Engineering
290803 Transport Engineering	090507 Transport Engineering
290804 Construction Engineering	090502 Construction Engineering
290805 Geotechnical Engineering	091402pGeomechanics and Resources Geotechnical Engineering
	090501 Civil Geotechnical Engineering
290899 Civil Engineering not elsewhere classified	090503 Construction Materials
	090504 Earthquake Engineering
	090505 Infrastructure Engineering and Asset

**290900 ELECTRICAL AND ELECTRONIC ENGINEERING**

290901 Electrical Engineering

290902 Integrated Circuits

290903 Other Electronic Engineering

**291000 GEOMATIC ENGINEERING**

291001 Geodesy

291002 Surveying

291003 Photogrammetry and Remote Sensing

291004 Spatial Information Systems

291005 Navigation and Position Fixing

291006 Cartography

291099 Geomatic Engineering not elsewhere classified

**291100 ENVIRONMENTAL ENGINEERING**

291101 Environmental Engineering Modelling

291102 Bio-remediation

291103 Environmental Engineering Design

291104 Environmental Technologies

291199 Environmental Engineering not elsewhere classified

**291200 MARITIME ENGINEERING**

291201 Naval Architecture

291202 Ship and Platform Hydrodynamics

291203 Ship and Platform Structures

291204 Marine Engineering

291205 Ocean Engineering

291206 Special Vehicles

291299 Maritime Engineering not elsewhere classified

Management

090599 Civil Engineering not elsewhere classified

090602pControl Systems, Robotics and Automation

090605 Photodetectors, Optical Sensors and Solar Cells

090606 Photonics and Electro-Optical Engineering (excl. Communications)

090607 Power and Energy Systems Engineering (excl. Renewable Power)

090608 Renewable Power and Energy Systems Engineering (excl. Solar Cells)

090601pCircuits and Systems

090603pIndustrial Electronics

090604 Microelectronics and Integrated Circuits

090601pCircuits and Systems

090603pIndustrial Electronics

090699 Electrical and Electronic Engineering not elsewhere classified

090902 Geodesy

090906pSurveying (incl. Hydrographic Surveying)

090905 Photogrammetry and Remote Sensing

090903 Geospatial Information Systems

090904 Navigation and Position Fixing

090901 Cartography

090906pSurveying (incl. Hydrographic Surveying)

090999 Geomatic Engineering not elsewhere classified

090702 Environmental Engineering Modelling

100203 Bioremediation

090701 Environmental Engineering Design

090703 Environmental Technologies

090799 Environmental Engineering not elsewhere classified

091102 Naval Architecture

091104 Ship and Platform Hydrodynamics

091105 Ship and Platform Structures

091101 Marine Engineering

091103 Ocean Engineering

091106 Special Vehicles

091199 Maritime Engineering not elsewhere classified

**291300 METALLURGY**

291301 Process Metallurgy

291302 Physical Metallurgy

**291400 MATERIALS ENGINEERING**

291401 Polymers

291402 Composite Materials

291403 Alloy Materials

291404 Ceramics

291405 Timber

291406 Pulp and Paper

291407 Plastics

291499 Materials Engineering not elsewhere  
classified

091401 Electrometallurgy

091403 Hydrometallurgy

091407 Pyrometallurgy

091207pMetals and Alloy Materials

091209pPolymers and Plastics

091202pComposite and Hybrid Materials

091207pMetals and Alloy Materials

091201 Ceramics

091210pTimber, Pulp and Paper

091210pTimber, Pulp and Paper

091209pPolymers and Plastics

091202pComposite and Hybrid Materials

091203 Compound Semiconductors

091204 Elemental Semiconductors

091205 Functional Materials

091206 Glass

091208 Organic Semiconductors

091299 Materials Engineering not elsewhere classified

**291500 BIOMEDICAL ENGINEERING**

291501 Clinical Engineering

291502 Rehabilitation Engineering

291503 Biomaterials

291504 Biomechanical Engineering

291599 Biomedical Engineering not elsewhere  
classified

090303 Biomedical Instrumentation

090304 Medical Devices

090305 Rehabilitation Engineering

090301 Biomaterials

090302 Biomechanical Engineering

090399 Biomedical Engineering not elsewhere  
classified**291600 COMPUTER HARDWARE**

291601 Arithmetic and Logic Structures

291602 Memory Structures

291603 Input, Output and Data Devices

291604 Logic Design

291605 Processor Architectures

291699 Computer Hardware not elsewhere  
classified

100601 Arithmetic and Logic Structures

100604 Memory Structures

100602 Input, Output and Data Devices

100603 Logic Design

100606 Processor Architectures

100605 Performance Evaluation; Testing and  
Simulation of Reliability

100699 Computer Hardware not elsewhere classified

**291700 COMMUNICATIONS  
TECHNOLOGIES**

291701 Antenna Technology

291702 Optical and Photonic Systems

291703 Digital Systems

100501pAntennas and Propagation

100506 Optical Fibre Communications

100507 Optical Networks and Systems

100504 Data Communications

100509 Video Communications

100510 Wireless Communications

291704	Computer Communications Networks	100503	Computer Communications Networks
291705	Microwave and Millimetrewave Technology	100505p	Microwave and Millimetrewave Theory and Technology
291706	Broadband Network Technology	100502p	Broadband and Modem Technology
291707	Modem Technology	100502p	Broadband and Modem Technology
291708	Baseband Technology	100599	Communications Technologies not elsewhere classified
291709	Satellite Communications	100508	Satellite Communications
291710	Radio Communications and Broadcasting not elsewhere classified	100599p	Communications Technologies not elsewhere classified
291799	Communications Technologies not elsewhere classified	100501p	Antennas and Propagation
		100505p	Microwave and Millimetrewave Theory and Technology
		100599p	Communications Technologies not elsewhere classified

#### **291800 INTERDISCIPLINARY ENGINEERING**

291801	Fluidization and Fluid Mechanics	091504	Fluidisation and Fluid Mechanics
291802	Heat and Mass Transfer Operations	091505	Heat and Mass Transfer Operations
291803	Turbulent Flows	091508	Turbulent Flows
291804	Nanotechnology	100701	Environmental Nanotechnology
		100702	Molecular and Organic Electronics
		100703	Nanobiotechnology
		100704	Nanoelectromechanical Systems
		100705	Nanoelectronics
		100706	Nanofabrication, Growth and Self Assembly
		100707	Nanomanufacturing
		100708	Nanomaterials
		100709	Nanomedicine
		100710	Nanometrology
		100711	Nanophotonics
		100712	Nanoscale Characterisation
		100713	Nanotoxicology, Health and Safety
		100799	Nanotechnology not elsewhere classified
291899	Interdisciplinary Engineering not elsewhere classified	091501	Computational Fluid Dynamics
		091502	Computational Heat Transfer
		091503	Engineering Practice
		091506	Nuclear Engineering (incl. Fuel Enrichment and Waste Processing and Storage)
		091507	Risk Engineering (excl. Earthquake Engineering)
		091599	Interdisciplinary Engineering not elsewhere classified

#### **299900 OTHER ENGINEERING AND TECHNOLOGY**

299901 Agricultural Engineering	099901 Agricultural Engineering
299902 Combustion and Fuel Engineering	090201 Automotive Combustion and Fuel Engineering (incl. Alternative/Renewable Fuels)
	090405 Non-automotive Combustion and Fuel Engineering (incl. Alternative/Renewable Fuels)
299903 Biosensor Technologies	100101pAgricultural Biotechnology Diagnostics (incl. Biosensors)
	100204pEnvironmental Biotechnology Diagnostics (incl. Biosensors)
	100304pIndustrial Biotechnology Diagnostics (incl. Biosensors)
	100402pMedical Biotechnology Diagnostics (incl. Biosensors)
299904 Engineering/Technology Instrumentation	099902 Engineering Instrumentation
299999 Engineering and Technology not elsewhere classified	109999pTechnology not elsewhere classified
	099999 Engineering not elsewhere classified
	109999pTechnology not elsewhere classified
	120401pEngineering Design Empirical Studies
	120402pEngineering Design Knowledge
	120403pEngineering Design Methods
	120404pEngineering Systems Design
	120405pModels of Engineering Design
	120499pEngineering Design not elsewhere classified
	129999pBuilt Environment and Design not elsewhere classified

## **300000 AGRICULTURAL, VETERINARY AND ENVIRONMENTAL SCIENCES**

### **300100 SOIL AND WATER SCIENCES**

300101 Soil Physics	050305 Soil Physics
300102 Soil Biology	050303 Soil Biology
300103 Soil Chemistry	050304 Soil Chemistry (excl. Carbon Sequestration Science)
300104 Land Capability and Soil Degradation	050302 Land Capability and Soil Degradation
300105 Applied Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)	079901 Agricultural Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)
300199 Soil and Water Sciences not elsewhere classified	050301 Carbon Sequestration Science
	050399 Soil Sciences not elsewhere classified

### **300200 CROP AND PASTURE PRODUCTION**

300201 Plant Biochemistry and Physiology	070303 Crop and Pasture Biochemistry and Physiology
300202 Plant Nutrition	070306 Crop and Pasture Nutrition
300203 Plant Improvement (Selection, and	070305 Crop and Pasture Improvement (Selection and

Breeding and Genetic Engineering)	Breeding)
300204Plant Protection (Pests, Diseases and Weeds)	100105pGenetically Modified Field Crops and Pasture
300205Agronomy	070308 Crop and Pasture Protection (Pests, Diseases and Weeds)
300206Post Harvest Technologies (Transportation and Storage)	070302 Agronomy
300299Crop and Pasture Production not elsewhere classified	070307 Crop and Pasture Post Harvest Technologies (incl. Transportation and Storage)
	070301 Agro-ecosystem Function and Prediction
	070304 Crop and Pasture Biomass and Bioproducts
	070399 Crop and Pasture Production not elsewhere classified
<b>300300 HORTICULTURE</b>	
300301Plant Improvement (Selection, Breeding and Genetic Engineering)	070602 Horticultural Crop Improvement (Selection and Breeding)
300302Plant Growth and Development	100106pGenetically Modified Horticulture Plants
300303Plant Protection (Pests, Diseases and Weeds)	070601 Horticultural Crop Growth and Development
300304Post Harvest Technologies	070603 Horticultural Crop Protection (Pests, Diseases and Weeds)
300305Oenology and Viticulture	070605 Post Harvest Horticultural Technologies (incl. Transportation and Storage)
300399Horticulture not elsewhere classified	070604 Oenology and Viticulture
	070699 Horticultural Production not elsewhere classified
<b>300400 ANIMAL PRODUCTION</b>	
300401Animal Breeding	070201 Animal Breeding
300402Animal Reproduction	070206 Animal Reproduction
300403Animal Nutrition	070204 Animal Nutrition
300404Animal Husbandry	070203 Animal Management
300405Animal Protection (Pests and Pathogens)	070205 Animal Protection (Pests and Pathogens)
300406Animal Growth and Development	070202 Animal Growth and Development
300499Animal Production not elsewhere classified	070207 Humane Animal Treatment
	070299 Animal Production not elsewhere classified
	100104pGenetically Modified Animals
	100108pLivestock cloning
<b>300500 VETERINARY SCIENCES</b>	
300501Veterinary Medicine	070706 Veterinary Medicine
300502Anaesthesiology and Intensive Care	070701 Veterinary Anaesthesiology and Intensive Care
300503Epidemiology	070704 Veterinary Epidemiology
300504Immunology	070705 Veterinary Immunology
300505Anatomy and Physiology	070702 Veterinary Anatomy and Physiology
300506Pathology	070709 Veterinary Pathology
300507Microbiology (excl. Virology)	070707 Veterinary Microbiology (excl. Virology)
300508Parasitology	070708 Veterinary Parasitology
300509Radiology and Imaging	070799pVeterinary Sciences not elsewhere classified

300510Virology	070712 Veterinary Virology
300511Surgery	070711 Veterinary Surgery
300512Pharmacology	070710 Veterinary Pharmacology
300599Veterinary Sciences not elsewhere classified	070703 Veterinary Diagnosis and Diagnostics
	070799pVeterinary Sciences not elsewhere classified
<b>300600 FORESTRY SCIENCES</b>	
300601Nutrition and Physiology	070508 Tree Nutrition and Physiology
300602Tree Improvement (Selection, Breeding and Genetic Engineering)	070507 Tree Improvement (Selection and Breeding)
	100107pGenetically Modified Trees
300603Pests, Health and Diseases	070505 Forestry Pests, Health and Diseases
300604Management and Environment	070504 Forestry Management and Environment
300605Fire Management	070503 Forestry Fire Management
300606Agroforestry	070501 Agroforestry
300699Forestry Sciences not elsewhere classified	070502 Forestry Biomass and Bioproducts
	070506 Forestry Product Quality Assessment
	070509 Wood Fibre Processing
	070510 Wood Processing
	070599 Forestry Sciences not elsewhere classified
<b>300700 FISHERIES SCIENCES</b>	
300701Physiology and Genetics	070405 Fish Physiology and Genetics
300702Pests and Diseases	070404 Fish Pests and Diseases
300703Aquaculture	070401 Aquaculture
300704Ecosystem Studies and Stock Assessment	070402 Aquatic Ecosystem Studies and Stock Assessment
300705Evaluation of Management Strategies	070403pFisheries Management
300799Fisheries Sciences not elsewhere classified	070403pFisheries Management
	070406 Post-Harvest Fisheries Technologies (incl. Transportation)
	070499 Fisheries Sciences not elsewhere classified
<b>300800 ENVIRONMENTAL SCIENCES</b>	
300801Environmental Management and Rehabilitation	050205pEnvironmental Management
	050207 Environmental Rehabilitation (excl. Bioremediation)
300802Wildlife and Habitat Management	050211 Wildlife and Habitat Management
300803Natural Resource Management	050209 Natural Resource Management
300804Environmental Impact Assessment	050204 Environmental Impact Assessment
300805Conservation	050202pConservation and Biodiversity
300899Environmental Sciences not elsewhere classified	050201 Aboriginal and Torres Strait Islander Environmental Knowledge
	050206 Environmental Monitoring

**300900 LAND, PARKS AND  
AGRICULTURE MANAGEMENT**

300901 Farm Management, Rural  
Management and Agribusiness  
300902 Land and Parks Management

300903 Sustainable Development  
300999 Land, Parks and Agriculture  
Management not elsewhere  
classified

**309900 OTHER AGRICULTURAL,  
VETERINARY AND ENVIRONMENTAL  
SCIENCES**

309901 Fertilisers and Agrochemicals  
(Application etc.)  
309902 Education and Extension  
309999 Agricultural, Veterinary and  
Environmental Sciences not  
elsewhere classified

**310000 ARCHITECTURE, URBAN ENVIRONMENT AND BUILDING**  
**310100 ARCHITECTURE AND URBAN  
ENVIRONMENT**

310101 Architecture

310102 Heritage and Conservation  
310103 Urban and Regional Planning

050208 Maori Environmental Knowledge  
050210 Pacific Peoples Environmental Knowledge  
050299 Environmental Science and Management not  
elsewhere classified  
059999p Environmental Sciences not elsewhere classified

070106 Farm Management, Rural Management and  
Agribusiness  
050205p Environmental Management  
070101 Agricultural Land Management  
070108 Sustainable Agricultural Development  
070102 Agricultural Land Planning

070103 Agricultural Production Systems Simulation  
070104 Agricultural Spatial Analysis and Modelling  
070105 Agricultural Systems Analysis and Modelling  
070107 Farming Systems Research  
070199 Agriculture, Land and Farm Management not  
elsewhere classified

079902 Fertilisers and Agrochemicals (incl. Application)

050203 Environmental Education and Extension  
059999p Environmental Sciences not elsewhere classified

079999 Agricultural and Veterinary Sciences not  
elsewhere classified

120101 Architectural Design  
120104p Architectural Science and Technology (incl.  
Acoustics, Lighting, Structure and Ecologically  
Sustainable Design)  
120105p Architecture Management  
120199p Architecture not elsewhere classified  
120102 Architectural Heritage and Conservation  
120501 Community Planning  
120503 Housing Markets, Development, Management  
120504 Land Use and Environmental Planning  
120505 Regional Analysis and Development

	120506	Transport Planning
	120507	Urban Analysis and Development
	120508	Urban Design
	120599p	Urban and Regional Planning not elsewhere classified
310104	Landscape Planning	120107 Landscape Architecture
310105	History of the Built Environment	120103pArchitectural History and Theory
		120502pHistory and Theory of the Built Environment (excl. Architecture)
310106	Interior and Environmental Design	120106 Interior Design
310199	Architecture and Urban Environment not elsewhere classified	120103pArchitectural History and Theory
		120104pArchitectural Science and Technology (incl. Acoustics, Lighting, Structure and Ecologically Sustainable Design)
		120105pArchitecture Management
		120199pArchitecture not elsewhere classified
		120502pHistory and Theory of the Built Environment (excl. Architecture)
		120599pUrban and Regional Planning not elsewhere classified

### **310200 BUILDING**

310201	Building Science and Techniques	120202 Building Science and Techniques
310202	Building Construction Management	120201 Building Construction Management and Project Planning
310203	Building Construction Economics (incl. Quantity Surveying)	120203 Quantity Surveying
		120299pBuilding not elsewhere classified
310299	Building not elsewhere classified	120299pBuilding not elsewhere classified

### **319900 OTHER ARCHITECTURE, URBAN ENVIRONMENT AND BUILDING**

319999	Other Architecture, Urban Environment and Building	129999pBuilt Environment and Design not elsewhere classified
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### **320000 MEDICAL AND HEALTH SCIENCES**

#### **320200 IMMUNOLOGY**

320201	Allergy	110701 Allergy
320202	Cellular Immunology	110704 Cellular Immunology
320203	Humoral Immunology and Immunochemistry	110705 Humoural Immunology and Immunochemistry
320204	Immunogenetics	110706 Immunogenetics (incl. Genetic Immunology)
320205	Transplantation Immunology	110708 Transplantation Immunology
320206	Tumor Immunology	110709 Tumour Immunology
320207	Autoimmunity	110703 Autoimmunity
320299	Immunology not elsewhere classified	110702 Applied Immunology (incl. Antibody Engineering, Xenotransplantation and T-cell Therapies)
		110707 Innate Immunity

	110799 Immunology not elsewhere classified
<b>320300 MEDICAL BIOCHEMISTRY AND CLINICAL CHEMISTRY</b>	
320301 Clinical Chemistry	110302 Clinical Chemistry (diagnostics)
320302 Medical Biochemistry: Carbohydrates	110102 Medical Biochemistry: Carbohydrates
320303 Medical Biochemistry: Lipids	110104p Medical Biochemistry: Lipids
320304 Medical Biochemistry: Nucleic Acids	110105 Medical Biochemistry: Nucleic Acids
320305 Medical Biochemistry: Proteins and Peptides	110106 Medical Biochemistry: Proteins and Peptides (incl. Medical Proteomics)
320306 Medical Biochemistry: Phospholipids	110104p Medical Biochemistry: Lipids
320307 Medical Biochemistry: Other	110101 Medical Biochemistry: Amino Acids and Metabolites
	110103 Medical Biochemistry: Inorganic Elements and Compounds
	110107 Metabolic Medicine
	110199 Medical Biochemistry and Metabolomics not elsewhere classified
<b>320400 MEDICAL MICROBIOLOGY</b>	
320401 Medical Bacteriology	110801 Medical Bacteriology
320402 Medical Virology	110804 Medical Virology
320403 Medical Infection Agents (incl. Prions)	110802 Medical Infection Agents (incl. Prions)
320404 Medical Mycology	110899p Medical Microbiology not elsewhere classified
320405 Medical Parasitology	110803 Medical Parasitology
320499 Medical Microbiology not elsewhere classified	110303p Clinical Microbiology
	110899p Medical Microbiology not elsewhere classified
<b>320500 PHARMACOLOGY AND PHARMACEUTICAL SCIENCES</b>	
320501 Pharmaceutical Sciences and Pharmacy	111503 Clinical Pharmacy and Pharmacy Practice
	111504 Pharmaceutical Sciences
320502 Basic Pharmacology	110502p Dental Therapeutics, Pharmacology and Toxicology
	111501 Basic Pharmacology
320503 Clinical Pharmacology and Therapeutics	110502p Dental Therapeutics, Pharmacology and Toxicology
	111502 Clinical Pharmacology and Therapeutics
320504 Toxicology (incl. Clinical Toxicology)	110502p Dental Therapeutics, Pharmacology and Toxicology
	111506 Toxicology (incl. Clinical Toxicology)
320599 Pharmacology not elsewhere classified	111505 Pharmacogenomics
	111599 Pharmacology and Pharmaceutical Sciences not elsewhere classified

**320600 MEDICAL PHYSIOLOGY**

320601 Human Biophysics	111602 Human Biophysics
320602 Cell Physiology	111601 Cell Physiology
320603 Systems Physiology	111603 Systems Physiology
320699 Medical Physiology not elsewhere classified	111699 Medical Physiology not elsewhere classified

**320700 NEUROSCIENCES**

320701 Autonomic Nervous System	110901 Autonomic Nervous System
320702 Central Nervous System	110903 Central Nervous System
320703 Peripheral Nervous System	110905 Peripheral Nervous System
320704 Cellular Nervous System	110902 Cellular Nervous System
320705 Sensory Systems	110906 Sensory Systems
320799 Neurosciences not elsewhere classified	110999 Neurosciences not elsewhere classified

**320800 DENTISTRY**

320801 Oral Surgery	110504p Oral and Maxillofacial Surgery
320802 Dentistry Support	110599p Dentistry not elsewhere classified
320803 Dental Technology	110501 Dental Materials and Equipment
320804 Dental Therapy	110599p Dentistry not elsewhere classified
320899 Dentistry not elsewhere classified	110501p Dental Materials and Equipment
	110502p Dental Therapeutics, Pharmacology and Toxicology
	110503 Endodontics
	110504p Oral and Maxillofacial Surgery
	110505p Oral Medicine and Pathology
	110506 Orthodontics and Dentofacial Orthopaedics
	110507 Paedodontics
	110508 Periodontics
	110509 Special Needs Dentistry
	110599p Dentistry not elsewhere classified

**320900 OPTOMETRY**

320901 Optical Technology	111302 Optical Technology
320999 Optometry not elsewhere classified	111399p Ophthalmology and Optometry not elsewhere classified

**321000 CLINICAL SCIENCES**

321001 Anaesthesiology	110301 Anaesthesiology
321002 Dermatology	110304 Dermatology
321003 Cardiology (incl. Cardiovascular Diseases)	110201 Cardiology (incl. Cardiovascular Diseases)
321004 Endocrinology	110306 Endocrinology
321005 Foetal Development and Medicine	111401 Foetal Development and Medicine
321006 Gastroenterology and Hepatology	110307 Gastroenterology and Hepatology
321007 Geriatrics and Gerontology	110308 Geriatrics and Gerontology
321008 Haematology	110202 Haematology
321009 Intensive Care	110310 Intensive Care
321010 Infectious Diseases	110309 Infectious Diseases

321011Medical Genetics	110311 Medical Genetics (excl. Cancer Genetics)
	111203pCancer Genetics
321012Nephrology and Urology	110312 Nephrology and Urology
321013Neurology and Neuromuscular Diseases	110904 Neurology and Neuromuscular Diseases
321014Obstetrics and Gynaecology	111402 Obstetrics and Gynaecology
321015Oncology and Carcinogenesis	111201 Cancer Cell Biology
	111202 Cancer Diagnosis
	111203pCancer Genetics
	111204 Cancer Therapy (excl. Chemotherapy and Radiation Therapy)
	111205 Chemotherapy
	111206 Haematological Tumours
	111207 Molecular Targets
	111209 Solid Tumours
	111299 Oncology and Carcinogenesis not elsewhere classified
321016Ophthalmology and Vision Science	111301 Ophthalmology
	111303 Vision Science
321017Orthopaedics	110314 Orthopaedics
321018Otorhinolaryngology	110315 Otorhinolaryngology
321019Paediatrics	111403 Paediatrics
321020Pathology	110316 Pathology (excl. Oral Pathology)
	110505pOral Medicine and Pathology
321021Psychiatry	110319pPsychiatry (incl. Psychotherapy)
321022Radiology and Organ Imaging	110320 Radiology and Organ Imaging
321023Radiotherapy and Nuclear Medicine	110313 Nuclear Medicine
	111208 Radiation Therapy
321024Rehabilitation and Therapy: Occupational and Physical	110317pPhysiotherapy
	110321pRehabilitation and Therapy (excl. Physiotherapy)
321025Rehabilitation and Therapy: Hearing and Speech	110321pRehabilitation and Therapy (excl. Physiotherapy)
321026Reproduction	111404 Reproduction
321027Respiratory Diseases	110203 Respiratory Diseases
321028Rheumatology and Arthritis	110322 Rheumatology and Arthritis
321029Surgery	110323 Surgery
321030Venereology	110324 Venereology
321099Clinical Sciences not elsewhere classified	110299 Cardiorespiratory Medicine and Haematology not elsewhere classified
	110303pClinical Microbiology
	110305 Emergency Medicine
	110317pPhysiotherapy
	110319pPsychiatry (incl. Psychotherapy)
	110399 Clinical Sciences not elsewhere classified
	111399pOphthalmology and Optometry not elsewhere

	classified
	111499 Paediatrics and Reproductive Medicine not elsewhere classified
<b>321100 NURSING</b>	
321101Midwifery	111006 Midwifery
321102Clinical Nursing: Primary (Preventative)	111002 Clinical Nursing: Primary (Preventative)
321103Clinical Nursing: Secondary (Acute Care)	111003 Clinical Nursing: Secondary (Acute Care)
321104Clinical Nursing: Tertiary (Rehabilitative)	111004 Clinical Nursing: Tertiary (Rehabilitative)
321105Mental Health Nursing	111005 Mental Health Nursing
321106Aged Care Nursing	111001 Aged Care Nursing
321199Nursing not elsewhere classified	111099 Nursing not elsewhere classified
<b>321200 PUBLIC HEALTH AND HEALTH SERVICES</b>	
321201Environmental and Occupational Health and Safety	111705 Environmental and Occupational Health and Safety
321202Epidemiology	111706 Epidemiology
321203Health Information Systems (incl. Surveillance)	111711 Health Information Systems (incl. Surveillance)
321204Mental Health	111714 Mental Health
321205Nutrition and Dietetics	111101 Clinical and Sports Nutrition
	111102 Dietetics and Nutrigenomics
	111103 Nutritional Physiology
	111104 Public Nutrition Intervention
	111199 Nutrition and Dietetics not elsewhere classified
321206Preventive Medicine	111716 Preventive Medicine
321207Indigenous Health	111701 Aboriginal and Torres Strait Islander Health
	111713 Maori Health
	111715 Pacific Peoples Health
321208Primary Health Care	111717 Primary Health Care
321209Family Care	111707 Family Care
321210Community Child Health	111704 Community Child Health
321211Residential Client Care	111718 Residential Client Care
321212Care for Disabled	111703 Care for Disabled
321213Human Bioethics	220101pBioethics (human and animal)
	220106 Medical Ethics
321214Health and Community Services	111708 Health and Community Services
321215Health Care Administration	111709 Health Care Administration
321216Health Promotion	111712 Health Promotion
321217Health Counselling	111710 Health Counselling
321299Public Health and Health Services not elsewhere classified	111702 Aged Health Care
	111799 Public Health and Health Services not elsewhere classified
<b>321300 COMPLEMENTARY/ALTERNATIVE MEDICINE</b>	

321301 Oriental Medicine and Treatments	110404 Traditional Chinese Medicine and Treatments
321302 Chiropractic	110401 Chiropractic
321303 Naturopathy	110402 Naturopathy
321399 Complementary/Alternative Medicine not elsewhere classified	110403 Traditional Aboriginal and Torres Strait Islander Medicine and Treatments
	110405 Traditional Maori Medicine and Treatments
	110499 Complementary and Alternative Medicine not elsewhere classified

### **321400 HUMAN MOVEMENT AND SPORTS SCIENCE**

321401 Exercise Physiology	110602 Exercise Physiology
321402 Biomechanics	110601 Biomechanics
321403 Motor Control	110603 Motor Control
321404 Sport and Exercise Psychology	170114 Sport and Exercise Psychology
321405 Sports Medicine	110604 Sports Medicine
321499 Human Movement and Sports Science not elsewhere classified	110699 Human Movement and Sports Science not elsewhere classified

### **329900 OTHER MEDICAL AND HEALTH SCIENCES**

329901 Podiatry	110318 Podiatry
329902 Medical Biotechnology	100401p Gene and Molecular Therapy
	100402p Medical Biotechnology Diagnostics (incl. Biosensors)
	100403p Medical Molecular Engineering of Nucleic Acids and Proteins
	100404p Regenerative Medicine (incl. Stem Cells and Tissue Engineering)
	100499p Medical Biotechnology not elsewhere classified
329903 Therapies and Therapeutic Technology	119999p Medical and Health Sciences not elsewhere classified
329999 Medical and Health Sciences not elsewhere classified	119999p Medical and Health Sciences not elsewhere classified

### **330000 EDUCATION**

#### **330100 EDUCATION STUDIES**

330101 Educational Psychology	130309 Learning Sciences
330102 History and Philosophy of Education	220202 History and Philosophy of Education
330103 Sociology of Education	160809 Sociology of Education
330104 Educational Policy, Administration and Management	130304p Educational Administration, Management and Leadership
	160506 Education Policy
330105 Educational Counselling	130305 Educational Counselling
330106 Comparative Education	130302p Comparative and Cross-Cultural Education
330107 Educational Technology and Media	130306 Educational Technology and Computing
330108 Special Education	130312p Special Education and Disability
330109 Assessment and Evaluation	130303 Education Assessment and Evaluation

330199Education Studies not elsewhere classified	130301 Aboriginal and Torres Strait Islander Education
	130302pComparative and Cross-Cultural Education
	130304pEducational Administration, Management and Leadership
	130307 Ethnic Education (excl. Aboriginal and Torres Strait Islander, Maori and Pacific Peoples)
	130308 Gender, Sexuality and Education
	130310 Maori Education (excl. Early Childhood and Primary Education)
	130311 Pacific Peoples Education
	130313pTeacher Education and Professional Development of Educators
	130399 Specialist Studies in Education not elsewhere classified
<b>330200 CURRICULUM STUDIES</b>	
330201Curriculum Studies: English Education	130204pEnglish and Literacy Curriculum and Pedagogy (excl. LOTE, ESL and TESOL)
	130207pLOTE, ESL and TESOL Curriculum and Pedagogy (excl. Maori)
330202Curriculum Studies: Mathematics Education	130208pMathematics and Numeracy Curriculum and Pedagogy
330203Curriculum Studies: Science Education	130212pScience, Technology and Engineering Curriculum and Pedagogy
330204Curriculum Studies: Economics, Commerce, Management and Services Education	130203pEconomics, Business and Management Curriculum and Pedagogy
	130213pVocational Education and Training Curriculum and Pedagogy
330205Curriculum Studies: Other Social Sciences, Humanities and Arts Education	130201pCreative Arts, Media and Communication Curriculum and Pedagogy
	130205pHumanities and Social Sciences Curriculum and Pedagogy (excl. Economics, Business and Management)
330206Curriculum Theory and Development	130202pCurriculum and Pedagogy Theory and Development
330299Curriculum Studies not elsewhere classified	130201pCreative Arts, Media and Communication Curriculum and Pedagogy
	130202pCurriculum and Pedagogy Theory and Development
	130203pEconomics, Business and Management Curriculum and Pedagogy
	130204pEnglish and Literacy Curriculum and Pedagogy (excl. LOTE, ESL and TESOL)
	130205pHumanities and Social Sciences Curriculum

	and Pedagogy (excl. Economics, Business and Management)
	130206 Kohanga Reo (Maori Language Curriculum and Pedagogy)
	130207pLOTE, ESL and TESOL Curriculum and Pedagogy (excl. Maori)
	130208pMathematics and Numeracy Curriculum and Pedagogy
	130209pMedicine, Nursing and Health Curriculum and Pedagogy
	130210 Physical Education and Development Curriculum and Pedagogy
	130211 Religion Curriculum and Pedagogy
	130212pScience, Technology and Engineering Curriculum and Pedagogy
	130213pVocational Education and Training Curriculum and Pedagogy
	130299 Curriculum and Pedagogy not elsewhere classified
<b>330300 PROFESSIONAL DEVELOPMENT OF TEACHERS</b>	
330301Teacher Education: Early Childhood	130102pEarly Childhood Education (excl. Maori) 130107pTe Whariki (Maori Early Childhood Education) 130313pTeacher Education and Professional Development of Educators
330302Teacher Education: Primary	130104pKura Kaupapa Maori (Maori Primary Education) 130105pPrimary Education (excl. Maori) 130313pTeacher Education and Professional Development of Educators
330303Teacher Education: Secondary	130106pSecondary Education 130313pTeacher Education and Professional Development of Educators
330304Teacher Education: Vocational Education and Training	130101pContinuing and Community Education  130108pTechnical, Further and Workplace Education 130313pTeacher Education and Professional Development of Educators
330305Teacher Education: Higher Education	130103pHigher Education 130313pTeacher Education and Professional Development of Educators
330306Teacher Education: Special Education	130312pSpecial Education and Disability 130313pTeacher Education and Professional Development of Educators
330307Teacher Education: Nursing and Health	130209pMedicine, Nursing and Health Curriculum and Pedagogy

	130313pTeacher Education and Professional Development of Educators
330399Professional Development of Teachers not elsewhere classified	130199pEducation Systems not elsewhere classified
	130313pTeacher Education and Professional Development of Educators
<b>339900 OTHER EDUCATION</b>	
339999Other Education	130101pContinuing and Community Education
	130102pEarly Childhood Education (excl. Maori)
	130103pHigher Education
	130104pKura Kaupapa Maori (Maori Primary Education)
	130105pPrimary Education (excl. Maori)
	130106pSecondary Education
	130107pTe Whariki (Maori Early Childhood Education)
	130108pTechnical, Further and Workplace Education
	130199pEducation Systems not elsewhere classified
	139999 Education not elsewhere classified
<b>340000 ECONOMICS</b>	
<b>340100 ECONOMIC THEORY</b>	
340101Microeconomic Theory	140104 Microeconomic Theory
340102Macroeconomic Theory	140102 Macroeconomic Theory
340103Mathematical Economics	140103 Mathematical Economics
340199Economic Theory not elsewhere classified	140199 Economic Theory not elsewhere classified
<b>340200 APPLIED ECONOMICS</b>	
340201Agricultural Economics	140201 Agricultural Economics
340202Environment and Resource Economics	140205 Environment and Resource Economics
340203Finance Economics	140207 Financial Economics
340204Health Economics	140208 Health Economics
340205Industry Economics and Industrial Organisation	140209 Industry Economics and Industrial Organisation
340206International Economics and International Finance	140210 International Economics and International Finance
340207Labour Economics	140211 Labour Economics
340208Macroeconomics (incl. Monetary and Fiscal Theory)	140212 Macroeconomics (incl. Monetary and Fiscal Theory)
340209Public Sector Economics	140213pPublic Economics- Public Choice
	140214 Public Economics- Publically Provided Goods
	140215 Public Economics- Taxation and Revenue
340210Welfare Economics	140219 Welfare Economics
340211Transport Economics	140217 Transport Economics
340212Economic Geography	160401 Economic Geography
340213Economic Development and Growth	140202 Economic Development and Growth
340214Urban and Regional Economics	140218 Urban and Regional Economics
340299Applied Economics not elsewhere	140204 Economics of Education

classified

140206 Experimental Economics  
140299 Applied Economics not elsewhere classified

**340300 ECONOMIC HISTORY AND HISTORY  
OF ECONOMIC THOUGHT**

340301 Economic History  
340302 History of Economic Thought

140203 Economic History  
140101 History of Economic Thought

**340400 ECONOMETRICS**

340401 Economic Models and Forecasting  
340402 Econometric and Statistical Methods  
340403 Time-Series Analysis  
340404 Cross-Sectional Analysis  
340405 Panel Data Analysis  
340499 Econometrics not elsewhere classified

140303 Economic Models and Forecasting  
140302 Econometric and Statistical Methods  
140305 Time-Series Analysis  
140301 Cross-Sectional Analysis  
140304 Panel Data Analysis  
140399 Econometrics not elsewhere classified

**349900 OTHER ECONOMICS**

349901 Political Economy  
  
349902 Comparative Economic Systems  
349999 Economics not elsewhere classified

140213p Public Economics- Public Choice  
149903 Heterodox Economics  
149901 Comparative Economic Systems  
149902 Ecological Economics  
149999 Economics not elsewhere classified

**350000 COMMERCE, MANAGEMENT, TOURISM AND SERVICES**

**350100 ACCOUNTING, AUDITING AND  
ACCOUNTABILITY**

350101 Financial Accounting  
350102 Management Accounting  
350103 Auditing and Accountability  
350104 Taxation  
350105 Bookkeeping

150103 Financial Accounting  
150105 Management Accounting  
150102 Auditing and Accountability  
150107 Taxation Accounting  
150199p Accounting, Auditing and Accountability not elsewhere classified

350106 International Accounting  
350107 Other Accounting

150104 International Accounting  
150101 Accounting Theory and Standards  
150106 Sustainability Accounting and Reporting  
150199p Accounting, Auditing and Accountability not elsewhere classified

**350200 BUSINESS AND MANAGEMENT**

350201 Human Resources Management  
350202 Business Information Systems (incl. Data Processing)  
350203 Industrial Relations  
350204 Marketing and Market Research

150305 Human Resources Management  
150302 Business Information Systems  
  
150306 Industrial Relations  
150501 Consumer-Oriented Product or Service Development  
150502p Marketing Communications  
150503 Marketing Management (incl. Strategy and Customer Relations)  
150504 Marketing Measurement  
150505 Marketing Research Methodology

	150506 Marketing Theory
	150507 Pricing (incl. Consumer Value Estimation)
	150599 Marketing not elsewhere classified
350205 Sales and Distribution	150309 Logistics and Supply Chain Management
350206 Advertising and Public Relations	150502p Marketing Communications
350207 Office Services	150399p Business and Management not elsewhere classified
350208 Organisational Planning and Management	150312 Organisational Planning and Management
350209 Small Business Management	150314 Small Business Management
350210 Quality Management	150313 Quality Management
350211 Innovation and Technology Management	150307 Innovation and Technology Management
350212 International Business	150308 International Business
350213 Electronic Commerce	150399p Business and Management not elsewhere classified
350299 Business and Management not elsewhere classified	150301p Business Information Management (incl. Records, Knowledge and Information Management, and Intelligence)
	150303 Corporate Governance and Stakeholder Engagement
	150304 Entrepreneurship
	150310 Organisation and Management Theory
	150311 Organisational Behaviour
	150399p Business and Management not elsewhere classified
<b>350300 BANKING, FINANCE AND INVESTMENT</b>	
350301 Finance	150201 Finance
350302 Financial Econometrics	150202 Financial Econometrics
350303 Financial Institutions (incl. Banking)	150203 Financial Institutions (incl. Banking)
350304 Insurance Studies	150204 Insurance Studies
350399 Banking, Finance and Investment not elsewhere classified	150205 Investment and Risk Management
	150299 Banking, Finance and Investment not elsewhere classified
<b>350400 TRANSPORTATION</b>	
350401 Aeronautical Transportation	150701 Air Transportation and Freight Services
350402 Aircrew Training	150799p Transportation and Freight Services not elsewhere classified
350403 Nautical Transportation	150799p Transportation and Freight Services not elsewhere classified
350404 Marine Crew Training	150799p Transportation and Freight Services not elsewhere classified
350405 Road and Rail Transportation	150702 Rail Transportation and Freight Services
	150703 Road Transportation and Freight Services
350499 Transportation not elsewhere classified	150799p Transportation and Freight Services not

**350500 TOURISM**

350501 Tourism Policy and Planning  
 350502 Tourism Resource Appraisal  
 350503 Impacts of Tourism  
 350504 Tourist Behaviour  
 350505 Tourism Economics  
 350506 Tourism Forecasting  
 350507 Tourism Management  
 350508 Tourism Marketing  
 350599 Tourism not elsewhere classified

**350600 SERVICES**

350601 Hospitality Management  
 350602 Food and Hospitality Services  
 350603 Real Estate and Valuation  
 350604 Professional Services (Legal,  
 Management Consulting, etc.)  
 350605 Other Retail Services  
 350606 Wholesale Services  
 350699 Services not elsewhere classified

**359900 OTHER COMMERCE, MANAGEMENT,  
TOURISM AND SERVICES**

359999 Other Commerce, Management,  
 Tourism and Services

**360000 POLICY AND POLITICAL SCIENCE****360100 POLITICAL SCIENCE**

360101 Australian Government and Politics  
 360102 Comparative Government and Politics  
 360103 Federalism and Intergovernmental  
 Relations  
 360104 Political Theory and Political Philosophy  
 360105 International Relations  
 360199 Political Science not elsewhere  
 classified

**360200 POLICY AND ADMINISTRATION**

360201 Public Policy  
 360202 Public Administration  
 360203 Research, Science and Technology  
 Policy  
 360204 Defence Studies

elsewhere classified

160513 Tourism Policy  
 150605 Tourism Resource Appraisal  
 150601 Impacts of Tourism  
 150606 Tourist Behaviour and Visitor Experience  
 140216 Tourism Economics  
 150602 Tourism Forecasting  
 150603 Tourism Management  
 150604 Tourism Marketing  
 150699 Tourism not elsewhere classified  
  
 150402 Hospitality Management  
 150401 Food and Hospitality Services  
 150403 Real Estate and Valuation Services  
 150499p Commercial Services not elsewhere classified  
  
 150499p Commercial Services not elsewhere classified  
 150499p Commercial Services not elsewhere classified  
 150404 Sport and Leisure Management  
 150499p Commercial Services not elsewhere classified

159999 Commerce, Management, Tourism and  
 Services not elsewhere classified

160601 Australian Government and Politics  
 160603 Comparative Government and Politics  
 160699p Political Science not elsewhere classified  
  
 160609 Political Theory and Political Philosophy  
 160607 International Relations  
 160602 Citizenship  
  
 160605 Environmental Politics  
 160606 Government and Politics of Asia and the  
 Pacific  
 160608 New Zealand Government and Politics  
 160699p Political Science not elsewhere classified

160510 Public Policy  
 160509 Public Administration  
 160511 Research, Science and Technology Policy  
  
 160604 Defence Studies

360299 Policy and Administration not elsewhere classified 160501 Aboriginal and Torres Strait Islander Policy

160502p Arts and Cultural Policy

160503 Communications and Media Policy

160504 Crime Policy

160505 Economic Development Policy

160507 Environment Policy

160508 Health Policy

160514 Urban Policy

160599 Policy and Administration not elsewhere classified

### **369900 OTHER POLICY AND POLITICAL SCIENCE**

369999 Other Policy and Political Science

169999p Studies in Human Society not elsewhere classified

### **370000 STUDIES IN HUMAN SOCIETY**

#### **370100 SOCIOLOGY**

370101 Social Theory

160806 Social Theory

370102 Social Policy and Planning

160512p Social Policy

370103 Race and Ethnic Relations

160803 Race and Ethnic Relations

370104 Urban Sociology and Community Studies

160810 Urban Sociology and Community Studies

370105 Applied Sociology, Program Evaluation and Social Impact Assessment

160801 Applied Sociology, Program Evaluation and Social Impact Assessment

370106 Sociological Methodology and Research Methods

160807 Sociological Methodology and Research Methods

370107 Social Change

160805 Social Change

370199 Sociology not elsewhere classified

160802 Environmental Sociology

160804 Rural Sociology

160899 Sociology not elsewhere classified

#### **370200 SOCIAL WORK**

370201 Clinical Social Work Practice

160701 Clinical Social Work Practice

370202 Social Program Evaluation

160703 Social Program Evaluation

370203 Social Policy

160512p Social Policy

370204 Counselling, Welfare and Community Services

160702 Counselling, Welfare and Community Services

370299 Social Work not elsewhere classified

160799 Social Work not elsewhere classified

#### **370300 ANTHROPOLOGY**

370301 Biological (Physical) Anthropology

160102 Biological (Physical) Anthropology

370302 Social and Cultural Anthropology

160104 Social and Cultural Anthropology

370303 Linguistic Anthropology

160103 Linguistic Anthropology

370399 Anthropology not elsewhere classified

160101 Anthropology of Development

160199 Anthropology not elsewhere classified

#### **370400 HUMAN GEOGRAPHY**

370401 Urban and Regional Studies

160404 Urban and Regional Studies (excl. Planning)

370402 Social and Cultural Geography

160403 Social and Cultural Geography

370403Recreation and Leisure Studies	160402 Recreation, Leisure and Tourism Geography
370499Human Geography not elsewhere classified	160499 Human Geography not elsewhere classified
<b>370500 DEMOGRAPHY</b>	
370501Population Trends and Policies	160305 Population Trends and Policies
370502Migration	160303 Migration
370503Fertility	160302 Fertility
370504Family and Household Studies	160301 Family and Household Studies
370599Demography not elsewhere classified	160304 Mortality
	160399 Demography not elsewhere classified
<b>370600 HISTORY AND PHILOSOPHY OF SCIENCE AND MEDICINE</b>	
370601History and Philosophy of Science and Technology	220203 History and Philosophy of Engineering and Technology
	220206 History and Philosophy of Science (incl. Non-historical Philosophy of Science)
370602Sociology and Social Studies of Science and Technology	160808 Sociology and Social Studies of Science and Technology
370603History and Philosophy of Medicine	220205 History and Philosophy of Medicine
370699History and Philosophy of Science and Medicine not elsewhere classified	220299 History and Philosophy of Specific Fields not elsewhere classified
<b>379900 OTHER STUDIES IN HUMAN SOCIETY</b>	
379901Gender Specific Studies	169901 Gender Specific Studies
379902Aboriginal Studies	169902 Studies of Aboriginal and Torres Strait Islander Society
379999Studies in Human Society not elsewhere classified	169903 Studies of Asian Society
	169904 Studies of Maori Society
	169905 Studies of Pacific Peoples' Societies
	169999pStudies in Human Society not elsewhere classified
<b>380000 BEHAVIOURAL AND COGNITIVE SCIENCES</b>	
<b>380100 PSYCHOLOGY</b>	
380101Sensory Processes, Perception and Performance	170112 Sensory Processes, Perception and Performance
380102Learning, Memory, Cognition and Language	170103pEducational Psychology
380103Biological Psychology (Neuropsychology, Psychopharmacology, Physiological Psychology)	170101 Biological Psychology (Neuropsychology, Psychopharmacology, Physiological Psychology)
380104Personality, Abilities and Assessment	170109 Personality, Abilities and Assessment
380105Social and Community Psychology	170113 Social and Community Psychology
380106Developmental Psychology and Ageing	170102 Developmental Psychology and Ageing
380107Health, Clinical and Counselling	170106 Health, Clinical and Counselling Psychology

Psychology	
380108Industrial and Organisational Psychology	170107 Industrial and Organisational Psychology
380109Psychological Methodology, Design and Analysis	170110 Psychological Methodology, Design and Analysis
380199Psychology not elsewhere classified	170103pEducational Psychology
	170104 Forensic Psychology
	170105 Gender Psychology
	170108 Kaupapa Maori Psychology
	170199 Psychology not elsewhere classified
<b>380200 LINGUISTICS</b>	
380201Applied Linguistics and Educational Linguistics	200401 Applied Linguistics and Educational Linguistics
380202Computational Linguistics	200402 Computational Linguistics
380203Discourse and Pragmatics	200403 Discourse and Pragmatics
380204Laboratory Phonetics and Speech Science	200404 Laboratory Phonetics and Speech Science
380205Language in Culture and Society (Sociolinguistics)	200405 Language in Culture and Society (Sociolinguistics)
380206Language in Time and Space (incl. Historical Linguistics, Dialectology)	200406 Language in Time and Space (incl. Historical Linguistics, Dialectology)
380207Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)	200408 Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)
380208Lexicography	200407 Lexicography
380299Linguistics not elsewhere classified	200499 Linguistics not elsewhere classified
<b>380300 COGNITIVE SCIENCE</b>	
380301Philosophy of Cognition	220312 Philosophy of Cognition
380302Linguistic Processes (incl. Speech Production and Comprehension)	170204 Linguistic Processes (incl. Speech Production and Comprehension)
380303Computer Perception, Memory and Attention	170201 Computer Perception, Memory and Attention
380304Neurocognitive Patterns and Neural Networks	170205 Neurocognitive Patterns and Neural Networks
380305Knowledge Representation and Machine Learning	170203 Knowledge Representation and Machine Learning
380306Planning and Problem Solving	170299pCognitive Sciences not elsewhere classified
380399Cognitive Science not elsewhere classified	170202 Decision Making
	170299pCognitive Sciences not elsewhere classified
<b>389900 OTHER BEHAVIOURAL AND COGNITIVE SCIENCES</b>	
389999Other Behavioural and Cognitive Sciences	179999 Psychology and Cognitive Sciences not elsewhere classified
<b>390000 LAW, JUSTICE AND LAW ENFORCEMENT</b>	
<b>390100 LAW</b>	
390101Administrative Law	180103 Administrative Law
390102Comparative Law	180106 Comparative Law

390103Constitutionalism and Constitutional Law	180108 Constitutional Law
	180199pLaw not elsewhere classified
390104Commercial and Contract Law	180105 Commercial and Contract Law
390105Corporations and Associations Law	180109 Corporations and Associations Law
390106Criminal Law	180110pCriminal Law and Procedure
390107Environmental and Natural Resources Law	180111 Environmental and Natural Resources Law
390108Family Law	180113 Family Law
390109Civil Law	180104pCivil Law and Procedure
390110Indigenous Law	180101 Aboriginal and Torres Strait Islander Law
	180201pNga Tikanga Maori (Maori Customary Law)
	180202pTe Maori Whakakaere Rauemi (Maori Resource Law)
	180203pTe Tiriti O Waitangi (The Treaty of Waitangi)
	180204pTe Ture Whenua (Maori Land Law)
	180299pMaori Law not elsewhere classified
390111International Law	180107pConflict of Laws (Private International Law)
	180116 International Law (excl. International Trade Law)
	180117pInternational Trade Law
390112Law and Literature	180199pLaw not elsewhere classified
390113Legal History	220204pHistory and Philosophy of Law and Justice
390114Intellectual Property	180115 Intellectual Property Law
390115Property Law and Conveyancing (excl. Intellectual Property)	180124 Property Law (excl. Intellectual Property Law)
390116Labour Law	180118 Labour Law
390117Tort Law	180126 Tort Law
390118Taxation Law	180125 Taxation Law
390119Equity Law	180112pEquity and Trusts Law
390120Trust Law	180112pEquity and Trusts Law
390199Law not elsewhere classified	180102pAccess to Justice
	180107pConflict of Laws (Private International Law)
	180117pInternational Trade Law
	180199pLaw not elsewhere classified
<b>390200 PROFESSIONAL DEVELOPMENT OF LAW PRACTITIONERS</b>	
390201Legal Practice	180121pLegal Practice, Lawyering and the Legal Profession
390202Adjudication	180122pLegal Theory, Jurisprudence and Legal Interpretation
	180123pLitigation, Adjudication and Dispute Resolution
390203Legal Education	130205pHumanities and Social Sciences Curriculum and Pedagogy (excl. Economics, Business and Management)
	180119pLaw and Society

390204Professional Ethics	220105 Legal Ethics
390299Professional Development of Law Practitioners not elsewhere classified	180121pLegal Practice, Lawyering and the Legal Profession
	180199pLaw not elsewhere classified
<b>390300 JUSTICE AND LEGAL STUDIES</b>	
390301Justice Systems and Administration	180120pLegal Institutions (incl. Courts and Justice Systems)
390302Jurisprudence and Legal Theory	180122pLegal Theory, Jurisprudence and Legal Interpretation
	180123pLitigation, Adjudication and Dispute Resolution
390303Human Rights	180114 Human Rights Law
	220104pHuman Rights and Justice Issues
390304Counselling and Mediation Services	180123pLitigation, Adjudication and Dispute Resolution
390305Law and Society	180119pLaw and Society
390399Justice and Legal Studies not elsewhere classified	180102pAccess to Justice
	180120pLegal Institutions (incl. Courts and Justice Systems)
	180199pLaw not elsewhere classified
<b>390400 LAW ENFORCEMENT</b>	
390401Criminology	160201pCauses and Prevention of Crime
	160203pCourts and Sentencing
	160204pCriminological Theories
	160206pPrivate Policing and Security Services
	160299pCriminology not elsewhere classified
390402Evidence and Procedure	160205pPolice Administration, Procedures and Practice
	180104pCivil Law and Procedure
	180110pCriminal Law and Procedure
390403Police Administration, Procedures and Practice	160205pPolice Administration, Procedures and Practice
390404Detection and Prevention of Crime; Security Services	160201pCauses and Prevention of Crime
	160206pPrivate Policing and Security Services
390405Correctional Theory and Services; Penology	160202 Correctional Theory, Offender Treatment and Rehabilitation
390499Law Enforcement not elsewhere classified	160201pCauses and Prevention of Crime
	160203pCourts and Sentencing
	160204pCriminological Theories
	160206pPrivate Policing and Security Services
	160299pCriminology not elsewhere classified
<b>399900 OTHER LAW, JUSTICE AND LAW ENFORCEMENT</b>	

399901History and Philosophy of Law and Justice	220204pHistory and Philosophy of Law and Justice
399999Law, Justice and Law Enforcement not elsewhere classified	180201pNga Tikanga Maori (Maori Customary Law)
	180202pTe Maori Whakakaere Rauemi (Maori Resource Law)
	180203pTe Tiriti O Waitangi (The Treaty of Waitangi)
	180204pTe Ture Whenua (Maori Land Law)
	180299pMaori Law not elsewhere classified
	189999 Law and Legal Studies not elsewhere classified

## **400000 JOURNALISM, LIBRARIANSHIP AND CURATORIAL STUDIES**

### **400100 JOURNALISM, COMMUNICATION AND MEDIA**

400101Journalism	190301 Journalism Studies
400102Technical Writing	190303 Technical Writing
400103Professional Creative Writing	190402pCreative Writing (incl. Playwriting)
400104Communication and Media Studies	200101 Communication Studies
	200102 Communication Technology and Digital Media Studies
	200103 International and Development Communication
	200104 Media Studies
	200105 Organisational, Interpersonal and Intercultural Communication
	200199 Communication and Media Studies not elsewhere classified
400199Journalism, Communication and Media not elsewhere classified	190302 Professional Writing
	190399 Journalism and Professional Writing not elsewhere classified

### **400200 LIBRARIANSHIP**

400201Librarianship

### **400300 CURATORIAL STUDIES**

400301Museum Studies	210204 Museum Studies
400302Archival Studies	210201pArchival, Repository and Related Studies
400303Materials Conservation	210203 Materials Conservation
400399Curatorial Studies not elsewhere classified	210201pArchival, Repository and Related Studies
	210202 Heritage and Cultural Conservation
	210299 Curatorial and Related Studies not elsewhere classified

### **409900 OTHER JOURNALISM, LIBRARIANSHIP AND CURATORIAL STUDIES**

409999Other Journalism, Librarianship and	089999pInformation and Computing Sciences not
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Curatorial Studies	elsewhere classified
	199999pStudies in Creative Arts and Writing not elsewhere classified
	209999pLanguage, Communication and Culture not elsewhere classified
	219999pHistory and Archaeology not elsewhere classified
<b>410000 THE ARTS</b>	
<b>410100 PERFORMING ARTS</b>	
410101Music	190406 Music Composition
	190407 Music Performance
	190408 Music Therapy
	190409 Musicology and Ethnomusicology
410102Drama, Theatre and Performance Studies	190402pCreative Writing (incl. Playwriting)
	190404 Drama, Theatre and Performance Studies
410103Dance	190403 Dance
410104Indigenous Performing Arts	190401 Aboriginal and Torres Strait Islander Performing Arts
	190405 Maori Performing Arts
	190410 Pacific Peoples Performing Arts
410199Performing Arts not elsewhere classified	190499 Performing Arts and Creative Writing not elsewhere classified
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410203Photography	190503 Lens-based Practice
410204Crafts	190501 Crafts
410299Visual Arts and Crafts not elsewhere classified	190504 Performance and Installation Art
	190599pVisual Arts and Crafts not elsewhere classified
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410302Cinema Studies	190201 Cinema Studies
410303Multimedia	190202 Computer Gaming and Animation
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410499Design Studies not elsewhere classified	120304 Digital and Interaction Design
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419999The Arts not elsewhere classified	129999pBuilt Environment and Design not elsewhere classified
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420105Greek	200305pLatin and Classical Greek Languages
	200399pLanguage Studies not elsewhere classified
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 classified

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 Indonesian)  
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 Indonesian)  
 200314pSouth-East Asian Languages (excl.  
 Indonesian)  
 200314pSouth-East Asian Languages (excl.  
 Indonesian)  
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 Asian)  
 200318pMiddle Eastern Languages  
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 200509pCentral and Eastern European Literature  
 (incl. Russian)  
 200511pLiterature in French

	200512pLiterature in German
	200514pLiterature in Spanish and Portuguese
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430202Archaeology of Agricultural and Pastoral Societies	210103pArchaeology of Asia, Africa and the Americas
	210104pArchaeology of Australia (excl. Aboriginal and Torres Strait Islander)
	210105pArchaeology of Europe, the Mediterranean and the Levant
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430204Archaeology of Complex Societies: Asia, Africa, Oceania and the Americas	210103pArchaeology of Asia, Africa and the Americas
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010106 Lie Groups, Harmonic and Fourier Analysis

010107 Mathematical Logic, Set Theory, Lattices and Universal Algebra

010108 Operator Algebras and Functional Analysis

230102 Number Theory and Field Theory

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230111p Geometry

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230105p Group Theory and Generalisations (incl. Topological Groups and Lie Groups)

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020199Astronomical and Space Sciences not elsewhere classified	240199pAstronomical Sciences not elsewhere classified
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030605Solution Chemistry	250199pPhysical Chemistry not elsewhere classified
030606Structural Chemistry and Spectroscopy	250104 Chemical Spectroscopy 250105 Structural Chemistry

030607Transport Properties and Non-Equilibrium Processes	250199pPhysical Chemistry not elsewhere classified
030699Physical Chemistry not elsewhere classified	250199pPhysical Chemistry not elsewhere classified
<b>0307 THEORETICAL AND COMPUTATIONAL CHEMISTRY</b>	
030701Quantum Chemistry	250601 Quantum Chemistry
030702Radiation and Matter	250604 Radiation and Matter
030703Reaction Kinetics and Dynamics	250603 Reaction Kinetics and Dynamics
030704Statistical Mechanics in Chemistry	250602pStatistical Mechanics
030799Theoretical and Computational Chemistry not elsewhere classified	250699 Theoretical and Computational Chemistry not elsewhere classified
<b>0399 OTHER CHEMICAL SCIENCES</b>	
039901Environmental Chemistry (incl. Atmospheric Chemistry)	259902 Environmental Chemistry (incl. Atmospheric Chemistry)
039902Forensic Chemistry	259999pChemical Sciences not elsewhere classified
039903Industrial Chemistry	259903 Industrial Chemistry
039904Organometallic Chemistry	259901 Organometallic Chemistry
039999Chemical Sciences not elsewhere classified	259999pChemical Sciences not elsewhere classified
<b>04 EARTH SCIENCES</b>	
<b>0401 ATMOSPHERIC SCIENCES</b>	
040101Atmospheric Aerosols	260699pAtmospheric Sciences not elsewhere classified
040102Atmospheric Dynamics	260699pAtmospheric Sciences not elsewhere classified
040103Atmospheric Radiation	260699pAtmospheric Sciences not elsewhere classified
040104Climate Change Processes	260602pClimatology (incl. Palaeoclimatology)
040105Climatology (excl. Climate Change Processes)	260602pClimatology (incl. Palaeoclimatology)
040106Cloud Physics	260699pAtmospheric Sciences not elsewhere classified
040107Meteorology	260601 Meteorology
040108Tropospheric and Stratospheric Physics	260699pAtmospheric Sciences not elsewhere classified
040199Atmospheric Sciences not elsewhere classified	260699pAtmospheric Sciences not elsewhere classified
<b>0402 GEOCHEMISTRY</b>	
040201Exploration Geochemistry	260302 Exploration Geochemistry
040202Inorganic Geochemistry	260304 Inorganic Geochemistry not elsewhere classified
040203Isotope Geochemistry	260301pGeochronology and Isotope Geochemistry
040204Organic Geochemistry	260303 Organic Geochemistry not elsewhere classified

040299 Geochemistry not elsewhere classified

### **0403 GEOLOGY**

040301 Basin Analysis

040302 Extraterrestrial Geology

040303 Geochronology

040304 Igneous and Metamorphic Petrology

040305 Marine Geoscience

040306 Mineralogy and Crystallography

040307 Ore Deposit Petrology

040308 Palaeontology (incl. Palynology)

040309 Petroleum and Coal Geology

040310 Sedimentology

040311 Stratigraphy (incl. Biostratigraphy and  
Sequence Stratigraphy)

040312 Structural Geology

040313 Tectonics

040314 Volcanology

040399 Geology not elsewhere classified

### **0404 GEOPHYSICS**

040401 Electrical and Electromagnetic Methods in  
Geophysics

040402 Geodynamics

040403 Geophysical Fluid Dynamics

040404 Geothermics and Radiometrics

040405 Gravimetrics

040406 Magnetism and Palaeomagnetism

040407 Seismology and Seismic Exploration

040499 Geophysics not elsewhere classified

### **0405 OCEANOGRAPHY**

040501 Biological Oceanography

040502 Chemical Oceanography

040503 Physical Oceanography

040599 Oceanography not elsewhere classified

### **0406 PHYSICAL GEOGRAPHY AND ENVIRONMENTAL GEOSCIENCE**

040601 Geomorphology and Regolith and  
Landscape Evolution

040602 Glaciology

040603 Hydrogeology

260301p Geochronology and Isotope Geochemistry

260399 Geochemistry not elsewhere classified

260199p Geology not elsewhere classified

260199p Geology not elsewhere classified

260109 Geochronology

260102 Igneous and Metamorphic Petrology

260199p Geology not elsewhere classified

260101 Mineralogy and Crystallography

260106 Ore Deposit Petrology

260112 Palaeontology

260113 Palynology

260105 Petroleum Geology

260104 Sedimentology

260110 Biostratigraphy

260111 Other Stratigraphy (incl. Sequence  
Stratigraphy)

260107 Structural Geology

260108 Geotectonics

260103 Volcanology

260199p Geology not elsewhere classified

260203 Electromagnetism

260299p Geophysics not elsewhere classified

260299p Geophysics not elsewhere classified

260207 Radiometrics

260201 Gravity

260202 Geomagnetism

260205 Explosion Seismology

260206 Earthquake Seismology

260204 Petrophysics

260299p Geophysics not elsewhere classified

260401 Biological Oceanography

260402 Chemical Oceanography

260403 Physical Oceanography

260499 Oceanography not elsewhere classified

260114 Geomorphology

269999p Earth Sciences not elsewhere classified

260115 Glaciology

260501 Groundwater Hydrology

040604Natural Hazards	269901pPhysical Geography
040605Palaeoclimatology	260602pClimatology (incl. Palaeoclimatology)
040606Quaternary Environments	269901pPhysical Geography
040607Surface Processes	269901pPhysical Geography
040608Surfacewater Hydrology	260502 Surfacewater Hydrology
040699Physical Geography and Environmental Geoscience not elsewhere classified	260599 Hydrology not elsewhere classified
	269901pPhysical Geography
<b>0499 OTHER EARTH SCIENCES</b>	
049999Earth Sciences not elsewhere classified	269999pEarth Sciences not elsewhere classified
<b>05 ENVIRONMENTAL SCIENCES</b>	
<b>0501 ECOLOGICAL APPLICATIONS</b>	
050101Ecological Impacts of Climate Change	270799pEcology and Evolution not elsewhere classified
050102Ecosystem Function	270799pEcology and Evolution not elsewhere classified
050103Invasive Species Ecology	270799pEcology and Evolution not elsewhere classified
050104Landscape Ecology	270704 Landscape Ecology
050199Ecological Applications not elsewhere classified	270799pEcology and Evolution not elsewhere classified
<b>0502 ENVIRONMENTAL SCIENCE AND MANAGEMENT</b>	
050201Aboriginal and Torres Strait Islander Environmental Knowledge	300899pEnvironmental Sciences not elsewhere classified
050202Conservation and Biodiversity	270708 Conservation and Biodiversity
	300805 Conservation
050203Environmental Education and Extension	309902 Education and Extension
050204Environmental Impact Assessment	300804 Environmental Impact Assessment
050205Environmental Management	300801pEnvironmental Management and Rehabilitation
	300902pLand and Parks Management
050206Environmental Monitoring	300899pEnvironmental Sciences not elsewhere classified
050207Environmental Rehabilitation (excl. Bioremediation)	300801pEnvironmental Management and Rehabilitation
050208Maori Environmental Knowledge	300899pEnvironmental Sciences not elsewhere classified
050209Natural Resource Management	300803 Natural Resource Management
050210Pacific Peoples Environmental Knowledge	300899pEnvironmental Sciences not elsewhere classified
050211Wildlife and Habitat Management	300802 Wildlife and Habitat Management
050299Environmental Science and Management not elsewhere classified	300899pEnvironmental Sciences not elsewhere classified
<b>0503 SOIL SCIENCES</b>	
050301Carbon Sequestration Science	300199pSoil and Water Sciences not elsewhere

	classified
050302Land Capability and Soil Degradation	300104 Land Capability and Soil Degradation
050303Soil Biology	300102 Soil Biology
050304Soil Chemistry (excl. Carbon Sequestration Science)	300103 Soil Chemistry
050305Soil Physics	300101 Soil Physics
050399Soil Sciences not elsewhere classified	300199pSoil and Water Sciences not elsewhere classified
<b>0599 OTHER ENVIRONMENTAL SCIENCES</b>	
059999Environmental Sciences not elsewhere classified	300899pEnvironmental Sciences not elsewhere classified
	309999pAgricultural, Veterinary and Environmental Sciences not elsewhere classified
<b>06 BIOLOGICAL SCIENCES</b>	
<b>0601 BIOCHEMISTRY AND CELL BIOLOGY</b>	
060101Analytical Biochemistry	270101 Analytical Biochemistry
060102Bioinformatics	270199pBiochemistry and Cell Biology not elsewhere classified
060103Cell Development, Proliferation and Death	270106 Cell Development (incl. Cell Division and Apoptosis)
060104Cell Metabolism	270102 Cell Metabolism
060105Cell Neurochemistry	270107 Cell Neurochemistry
060106Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)	270105 Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)
060107Enzymes	270108 Enzymes
060108Protein Trafficking	270103pProtein Targeting and Signal Transduction
060109Proteomics and Intermolecular Interactions (excl. Medical Proteomics)	270199pBiochemistry and Cell Biology not elsewhere classified
060110Receptors and Membrane Biology	270104 Membrane Biology
	270199pBiochemistry and Cell Biology not elsewhere classified
060111Signal Transduction	270103pProtein Targeting and Signal Transduction
060112Structural Biology (incl. Macromolecular Modelling)	270199pBiochemistry and Cell Biology not elsewhere classified
060113Synthetic Biology	270199pBiochemistry and Cell Biology not elsewhere classified
060114Systems Biology	270199pBiochemistry and Cell Biology not elsewhere classified
060199Biochemistry and Cell Biology not elsewhere classified	270199pBiochemistry and Cell Biology not elsewhere classified
<b>0602 ECOLOGY</b>	
060201Behavioural Ecology	270707pSociobiology and Behavioural Ecology
060202Community Ecology (excl. Invasive Species Ecology)	270799pEcology and Evolution not elsewhere classified
060203Ecological Physiology	270799pEcology and Evolution not elsewhere classified

060204Freshwater Ecology	270701 Freshwater Ecology
060205Marine and Estuarine Ecology (incl. Marine Ichthyology)	270702 Marine and Estuarine Ecology (incl. Marine Ichthyology)
060206Palaeoecology	270705 Palaeoecology
060207Population Ecology	270706pLife Histories (incl. Population Ecology)
060208Terrestrial Ecology	270703 Terrestrial Ecology
060299Ecology not elsewhere classified	270799pEcology and Evolution not elsewhere classified
<b>0603 EVOLUTIONARY BIOLOGY</b>	
060301Animal Systematics and Taxonomy	270501pAnimal Systematics, Taxonomy and Phylogeny
060302Biogeography and Phylogeography	270709 Biogeography
	270799pEcology and Evolution not elsewhere classified
060303Biological Adaptation	270799pEcology and Evolution not elsewhere classified
060304Ethology and Sociobiology	270707pSociobiology and Behavioural Ecology
	270799pEcology and Evolution not elsewhere classified
060305Evolution of Developmental Systems	270799pEcology and Evolution not elsewhere classified
060306Evolutionary Impacts of Climate Change	270799pEcology and Evolution not elsewhere classified
060307Host-Parasite Interactions	270799pEcology and Evolution not elsewhere classified
060308Life Histories	270706pLife Histories (incl. Population Ecology)
060309Phylogeny and Comparative Analysis	270308pMicrobial Systematics, Taxonomy and Phylogeny
	270401pPlant Systematics, Taxonomy and Phylogeny
	270501pAnimal Systematics, Taxonomy and Phylogeny
	270799pEcology and Evolution not elsewhere classified
060310Plant Systematics and Taxonomy	270401pPlant Systematics, Taxonomy and Phylogeny
060311Speciation and Extinction	270799pEcology and Evolution not elsewhere classified
060399Evolutionary Biology not elsewhere classified	270308pMicrobial Systematics, Taxonomy and Phylogeny
	270799pEcology and Evolution not elsewhere classified
<b>0604 GENETICS</b>	
060401Anthropological Genetics	270204 Anthropological Genetics
060402Cell and Nuclear Division	270209 Meiosis and Recombination
060403Developmental Genetics (incl. Sex	270205 Genetic Development (incl. Sex

Determination)	Determination)
060404Epigenetics (incl. Genome Methylation and Epigenomics)	270299pGenetics not elsewhere classified
060405Gene Expression (incl. Microarray and other genome-wide approaches)	270201 Gene Expression
	270299pGenetics not elsewhere classified
060406Genetic Immunology	270206 Genetic Immunology
060407Genome Structure and Regulation	270202 Genome Structure
	270299pGenetics not elsewhere classified
060408Genomics	270299pGenetics not elsewhere classified
060409Molecular Evolution	270208 Molecular Evolution
060410Neurogenetics	270210 Neurogenetics
060411Population, Ecological and Evolutionary Genetics	270203 Population and Ecological Genetics
	270299pGenetics not elsewhere classified
060412Quantitative Genetics (incl. Disease and Trait Mapping Genetics)	270207 Quantitative Genetics
060499Genetics not elsewhere classified	270299pGenetics not elsewhere classified
<b>0605 MICROBIOLOGY</b>	
060501Bacteriology	270301 Bacteriology
060502Infectious Agents	270304 Infectious Agents
060503Microbial Genetics	270306 Microbial Genetics
060504Microbial Ecology	270307 Microbial Ecology
060505Mycology	270305 Mycology
060506Virology	270303 Virology
060599Microbiology not elsewhere classified	270302 Archaeobacteriology
	270399 Microbiology not elsewhere classified
<b>0606 PHYSIOLOGY</b>	
060601Animal Physiology - Biophysics	270601 Animal Physiology - Biophysics
060602Animal Physiology - Cell	270602 Animal Physiology - Cell
060603Animal Physiology - Systems	270603 Animal Physiology - Systems
060604Comparative Physiology	270604 Comparative Physiology
060699Physiology not elsewhere classified	270699 Physiology not elsewhere classified
<b>0607 PLANT BIOLOGY</b>	
060701Phycology (incl. Marine Grasses)	270404 Phycology
060702Plant Cell and Molecular Biology	270499pBotany not elsewhere classified
060703Plant Developmental and Reproductive Biology	270499pBotany not elsewhere classified
060704Plant Pathology	270403 Plant Pathology
060705Plant Physiology	270402 Plant Physiology
060799Plant Biology not elsewhere classified	270499pBotany not elsewhere classified
<b>0608 ZOOLOGY</b>	
060801Animal Behaviour	270599pZoology not elsewhere classified
060802Animal Cell and Molecular Biology	270599pZoology not elsewhere classified
060803Animal Developmental and Reproductive Biology	270599pZoology not elsewhere classified

060804Animal Immunology	270599pZoology not elsewhere classified
060805Animal Neurobiology	270502 Neurobiology
060806Animal Physiological Ecology	270599pZoology not elsewhere classified
060807Animal Structure and Function	270503 Animal Anatomy and Histology
060808Invertebrate Biology	270504 Invertebrate Biology
060809Vertebrate Biology	270599pZoology not elsewhere classified
060899Zoology not elsewhere classified	270599pZoology not elsewhere classified
<b>0699 OTHER BIOLOGICAL SCIENCES</b>	
069901Forensic Biology	279999pBiological Sciences not elsewhere classified
069902Global Change Biology	279901 Global Change Biology
069999Biological Sciences not elsewhere classified	279999pBiological Sciences not elsewhere classified
<b>07 AGRICULTURAL AND VETERINARY SCIENCES</b>	
<b>0701 AGRICULTURE, LAND AND FARM MANAGEMENT</b>	
070101Agricultural Land Management	300902pLand and Parks Management
070102Agricultural Land Planning	300999pLand, Parks and Agriculture Management not elsewhere classified
070103Agricultural Production Systems Simulation	300999pLand, Parks and Agriculture Management not elsewhere classified
070104Agricultural Spatial Analysis and Modelling	300999pLand, Parks and Agriculture Management not elsewhere classified
070105Agricultural Systems Analysis and Modelling	300999pLand, Parks and Agriculture Management not elsewhere classified
070106Farm Management, Rural Management and Agribusiness	300901 Farm Management, Rural Management and Agribusiness
070107Farming Systems Research	300999pLand, Parks and Agriculture Management not elsewhere classified
070108Sustainable Agricultural Development	300903 Sustainable Development
070199Agriculture, Land and Farm Management not elsewhere classified	300999pLand, Parks and Agriculture Management not elsewhere classified
<b>0702 ANIMAL PRODUCTION</b>	
070201Animal Breeding	300401 Animal Breeding
070202Animal Growth and Development	300406 Animal Growth and Development
070203Animal Management	300404 Animal Husbandry
070204Animal Nutrition	300403 Animal Nutrition
070205Animal Protection (Pests and Pathogens)	300405 Animal Protection (Pests and Pathogens)
070206Animal Reproduction	300402 Animal Reproduction
070207Humane Animal Treatment	300499pAnimal Production not elsewhere classified
070299Animal Production not elsewhere classified	300499pAnimal Production not elsewhere classified
<b>0703 CROP AND PASTURE PRODUCTION</b>	
070301Agro-ecosystem Function and Prediction	300299pCrop and Pasture Production not elsewhere classified
070302Agronomy	300205 Agronomy
070303Crop and Pasture Biochemistry and	300201 Plant Biochemistry and Physiology

Physiology	
070304Crop and Pasture Biomass and Bioproducts	300299pCrop and Pasture Production not elsewhere classified
070305Crop and Pasture Improvement (Selection and Breeding)	300203pPlant Improvement (Selection, Breeding and Genetic Engineering)
070306Crop and Pasture Nutrition	300202 Plant Nutrition
070307Crop and Pasture Post Harvest Technologies (incl. Transportation and Storage)	300206 Post Harvest Technologies (Transportation and Storage)
070308Crop and Pasture Protection (Pests, Diseases and Weeds)	300204 Plant Protection (Pests, Diseases and Weeds)
070399Crop and Pasture Production not elsewhere classified	300299pCrop and Pasture Production not elsewhere classified
<b>0704 FISHERIES SCIENCES</b>	
070401Aquaculture	300703 Aquaculture
070402Aquatic Ecosystem Studies and Stock Assessment	300704 Ecosystem Studies and Stock Assessment
070403Fisheries Management	300705 Evaluation of Management Strategies
	300799pFisheries Sciences not elsewhere classified
070404Fish Pests and Diseases	300702 Pests and Diseases
070405Fish Physiology and Genetics	300701 Physiology and Genetics
070406Post-Harvest Fisheries Technologies (incl. Transportation)	300799pFisheries Sciences not elsewhere classified
070499Fisheries Sciences not elsewhere classified	300799pFisheries Sciences not elsewhere classified
<b>0705 FORESTRY SCIENCES</b>	
070501Agroforestry	300606 Agroforestry
070502Forestry Biomass and Bioproducts	300699pForestry Sciences not elsewhere classified
070503Forestry Fire Management	300605 Fire Management
070504Forestry Management and Environment	300604 Management and Environment
070505Forestry Pests, Health and Diseases	300603 Pests, Health and Diseases
070506Forestry Product Quality Assessment	300699pForestry Sciences not elsewhere classified
070507Tree Improvement (Selection and Breeding)	300602pTree Improvement (Selection, Breeding and Genetic Engineering)
070508Tree Nutrition and Physiology	300601 Nutrition and Physiology
070509Wood Fibre Processing	300699pForestry Sciences not elsewhere classified
070510Wood Processing	300699pForestry Sciences not elsewhere classified
070599Forestry Sciences not elsewhere classified	300699pForestry Sciences not elsewhere classified
<b>0706 HORTICULTURAL PRODUCTION</b>	
070601Horticultural Crop Growth and Development	300302 Plant Growth and Development
070602Horticultural Crop Improvement (Selection and Breeding)	300301pPlant Improvement (Selection, Breeding and Genetic Engineering)
070603Horticultural Crop Protection (Pests, Diseases and Weeds)	300303 Plant Protection (Pests, Diseases and Weeds)
070604Oenology and Viticulture	300305 Oenology and Viticulture

070605Post Harvest Horticultural Technologies (incl. Transportation and Storage)	300304 Post Harvest Technologies
070699Horticultural Production not elsewhere classified	300399 Horticulture not elsewhere classified
<b>0707 VETERINARY SCIENCES</b>	
070701Veterinary Anaesthesiology and Intensive Care	300502 Anaesthesiology and Intensive Care
070702Veterinary Anatomy and Physiology	300505 Anatomy and Physiology
070703Veterinary Diagnosis and Diagnostics	300599pVeterinary Sciences not elsewhere classified
070704Veterinary Epidemiology	300503 Epidemiology
070705Veterinary Immunology	300504 Immunology
070706Veterinary Medicine	300501 Veterinary Medicine
070707Veterinary Microbiology (excl. Virology)	300507 Microbiology (excl. Virology)
070708Veterinary Parasitology	300508 Parasitology
070709Veterinary Pathology	300506 Pathology
070710Veterinary Pharmacology	300512 Pharmacology
070711Veterinary Surgery	300511 Surgery
070712Veterinary Virology	300510 Virology
070799Veterinary Sciences not elsewhere classified	300509 Radiology and Imaging 300599pVeterinary Sciences not elsewhere classified
<b>0799 OTHER AGRICULTURAL AND VETERINARY SCIENCES</b>	
079901Agricultural Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)	300105 Applied Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)
079902Fertilisers and Agrochemicals (incl. Application)	309901 Fertilisers and Agrochemicals (Application etc.)
079999Agricultural and Veterinary Sciences not elsewhere classified	309999pAgricultural, Veterinary and Environmental Sciences not elsewhere classified
<b>08 INFORMATION AND COMPUTING SCIENCES</b>	
<b>0801 ARTIFICIAL INTELLIGENCE AND IMAGE PROCESSING</b>	
080101Adaptive Agents and Intelligent Robotics	280209 Intelligent Robotics 280213pOther Artificial Intelligence
080102Artificial Life	280213pOther Artificial Intelligence
080103Computer Graphics	280202 Computer Graphics
080104Computer Vision	280208 Computer Vision
080105Expert Systems	280201 Expert Systems
080106Image Processing	280203 Image Processing
080107Natural Language Processing	280205 Text Processing 280206 Speech Recognition
080108Neural, Evolutionary and Fuzzy Computation	280212 Neural Networks, Genetic Algorithms and Fuzzy Logic
080109Pattern Recognition and Data Mining	280207 Pattern Recognition

080110Simulation and Modelling	280213pOther Artificial Intelligence
080111Virtual Reality and Related Simulation	280210 Simulation and Modelling
080199Artificial Intelligence and Image Processing not elsewhere classified	280211 Virtual Reality and Related Simulation
	280213pOther Artificial Intelligence
<b>0802 COMPUTATION THEORY AND MATHEMATICS</b>	
080201Analysis of Algorithms and Complexity	280401 Analysis of Algorithms and Complexity
080202Applied Discrete Mathematics	280405pDiscrete Mathematics
080203Computational Logic and Formal Languages	280402 Mathematical Logic and Formal Languages
080204Mathematical Software	280406 Mathematical Software
080205Numerical Computation	280404pNumerical Analysis
080299Computation Theory and Mathematics not elsewhere classified	280403 Logics and Meanings of Programs
	280499 Computation Theory and Mathematics not elsewhere classified
<b>0803 COMPUTER SOFTWARE</b>	
080301Bioinformatics Software	280399pComputer Software not elsewhere classified
080302Computer System Architecture	280399pComputer Software not elsewhere classified
080303Computer System Security	280399pComputer Software not elsewhere classified
080304Concurrent Programming	280399pComputer Software not elsewhere classified
080305Multimedia Programming	280305 Multimedia Programming
080306Open Software	280399pComputer Software not elsewhere classified
080307Operating Systems	280304 Operating Systems
080308Programming Languages	280303 Programming Languages
080309Software Engineering	280302 Software Engineering
080399Computer Software not elsewhere classified	280301 Programming Techniques
	280399pComputer Software not elsewhere classified
<b>0804 DATA FORMAT</b>	
080401Coding and Information Theory	280506 Coding and Information Theory
080402Data Encryption	280504 Data Encryption
080403Data Structures	280501 Data Structures
080404Markup Languages	280599pData Format not elsewhere classified
080499Data Format not elsewhere classified	280502 Data Storage Representations
	280503 Files
	280505 Data Security
	280599pData Format not elsewhere classified
<b>0805 DISTRIBUTED COMPUTING</b>	
080501Distributed and Grid Systems	289999pOther Information, Computing and

080502Mobile Technologies	Communication Sciences 289999pOther Information, Computing and Communication Sciences
080503Networking and Communications	289999pOther Information, Computing and Communication Sciences
080504Ubiquitous Computing	289999pOther Information, Computing and Communication Sciences
080505Web Technologies (excl. Web Search)	289999pOther Information, Computing and Communication Sciences
080599Distributed Computing not elsewhere classified	289999pOther Information, Computing and Communication Sciences
<b>0806 INFORMATION SYSTEMS</b>	
080601Aboriginal and Torres Strait Islander Information and Knowledge Systems	280199pInformation Systems not elsewhere classified
080602Computer-Human Interaction	280104 Computer-Human Interaction
080603Conceptual Modelling	280111 Conceptual Modelling
080604Database Management	280108 Database Management
080605Decision Support and Group Support Systems	280109 Decision Support and Group Support Systems
080606Global Information Systems	280107 Global Information Systems
080607Information Engineering and Theory	280199pInformation Systems not elsewhere classified
080608Information Systems Development Methodologies	280112 Information Systems Development Methodologies
080609Information Systems Management	280102 Information Systems Management
080610Information Systems Organisation	280101 Information Systems Organisation
080611Information Systems Theory	280110 Systems Theory
080612Interorganisational Information Systems and Web Services	280106 Interorganisational Information Systems  280199pInformation Systems not elsewhere classified
080613Maori Information and Knowledge Systems	280199pInformation Systems not elsewhere classified
080614Pacific Peoples Information and Knowledge Systems	280199pInformation Systems not elsewhere classified
080699Information Systems not elsewhere classified	280105 Interfaces and Presentation (excl. Computer-Human Interaction) 280199pInformation Systems not elsewhere classified
<b>0807 LIBRARY AND INFORMATION STUDIES</b>	
080701Aboriginal and Torres Strait Islander Knowledge Management	289999pOther Information, Computing and Communication Sciences
080702Health Informatics	289999pOther Information, Computing and Communication Sciences
080703Human Information Behaviour	289999pOther Information, Computing and Communication Sciences

080704	Information Retrieval and Web Search	280103p	Information Storage, Retrieval and Management
080705	Informetrics	289999p	Other Information, Computing and Communication Sciences
080706	Librarianship	400201	Librarianship
080707	Organisation of Information and Knowledge Resources	289999p	Other Information, Computing and Communication Sciences
080708	Records and Information Management (excl. Business Records and Information Management)	280103p	Information Storage, Retrieval and Management
080709	Social and Community Informatics	289999p	Other Information, Computing and Communication Sciences
080799	Library and Information Studies not elsewhere classified	289999p	Other Information, Computing and Communication Sciences
<b>0899 OTHER INFORMATION AND COMPUTING SCIENCES</b>			
089999	Information and Computing Sciences not elsewhere classified	289999p	Other Information, Computing and Communication Sciences
		409999p	Other Journalism, Librarianship and Curatorial Studies
<b>09 ENGINEERING</b>			
<b>0901 AEROSPACE ENGINEERING</b>			
090101	Aerodynamics (excl. Hypersonic Aerodynamics)	290201p	Aerodynamics
090102	Aerospace Materials	290299p	Aerospace Engineering not elsewhere classified
090103	Aerospace Structures	290203	Aerospace Structures
090104	Aircraft Performance and Flight Control Systems	290204	Aircraft Performance
		290205	Flight Control Systems
090105	Avionics	290299p	Aerospace Engineering not elsewhere classified
090106	Flight Dynamics	290202	Flight Dynamics
090107	Hypersonic Propulsion and Hypersonic Aerodynamics	290201p	Aerodynamics
090108	Satellite, Space Vehicle and Missile Design and Testing	290207	Satellite, Space Vehicle and Missile Design
		290299p	Aerospace Engineering not elsewhere classified
090199	Aerospace Engineering not elsewhere classified	290206	Aerospace Electrical Systems
		290299p	Aerospace Engineering not elsewhere classified
<b>0902 AUTOMOTIVE ENGINEERING</b>			
090201	Automotive Combustion and Fuel Engineering (incl. Alternative/Renewable Fuels)	299902p	Combustion and Fuel Engineering

090202Automotive Engineering Materials  
 090203Automotive Mechatronics

090204Automotive Safety Engineering  
 090205Hybrid Vehicles and Powertrains  
 090299Automotive Engineering not elsewhere  
 classified

### 0903 BIOMEDICAL ENGINEERING

090301Biomaterials  
 090302Biomechanical Engineering  
 090303Biomedical Instrumentation  
 090304Medical Devices  
 090305Rehabilitation Engineering  
 090399Biomedical Engineering not elsewhere  
 classified

### 0904 CHEMICAL ENGINEERING

090401Carbon Capture Engineering (excl.  
 Sequestration)  
 090402Catalytic Process Engineering

090403Chemical Engineering Design  
 090404Membrane and Separation Technologies

090405Non-automotive Combustion and Fuel  
 Engineering (incl. Alternative/Renewable  
 Fuels)  
 090406Powder and Particle Technology

090407Process Control and Simulation  
 090408Rheology

090409Wastewater Treatment Processes

090410Water Treatment Processes

090499Chemical Engineering not elsewhere classified

### 0905 CIVIL ENGINEERING

090501Civil Geotechnical Engineering  
 090502Construction Engineering  
 090503Construction Materials

090504Earthquake Engineering

090505Infrastructure Engineering and Asset  
 Management

290401pAutomotive Engineering  
 290301pRobotics and Mechatronics  
 290401pAutomotive Engineering  
 290401pAutomotive Engineering  
 290401pAutomotive Engineering  
 290401pAutomotive Engineering

291503 Biomaterials  
 291504 Biomechanical Engineering  
 291501pClinical Engineering  
 291501pClinical Engineering  
 291502 Rehabilitation Engineering  
 291599 Biomedical Engineering not elsewhere  
 classified

290699pChemical Engineering not elsewhere  
 classified  
 290699pChemical Engineering not elsewhere  
 classified  
 290601 Chemical Engineering Design  
 290603 Membrane and Separation  
 Technologies  
 299902pCombustion and Fuel Engineering

290699pChemical Engineering not elsewhere  
 classified  
 290602 Process Control and Simulation  
 290699pChemical Engineering not elsewhere  
 classified  
 290699pChemical Engineering not elsewhere  
 classified  
 290699pChemical Engineering not elsewhere  
 classified  
 290699pChemical Engineering not elsewhere  
 classified

290805pGeotechnical Engineering  
 290804 Construction Engineering  
 290899pCivil Engineering not elsewhere  
 classified  
 290899pCivil Engineering not elsewhere  
 classified  
 290899pCivil Engineering not elsewhere  
 classified

090506Structural Engineering  
090507Transport Engineering  
090508Water Quality Engineering  
090509Water Resources Engineering  
090599Civil Engineering not elsewhere classified

#### **0906 ELECTRICAL AND ELECTRONIC ENGINEERING**

090601Circuits and Systems  
  
090602Control Systems, Robotics and Automation  
  
090603Industrial Electronics  
  
090604Microelectronics and Integrated Circuits  
090605Photodetectors, Optical Sensors and Solar Cells  
090606Photonics and Electro-Optical Engineering (excl. Communications)  
090607Power and Energy Systems Engineering (excl. Renewable Power)  
090608Renewable Power and Energy Systems Engineering (excl. Solar Cells)  
090609Signal Processing  
090699Electrical and Electronic Engineering not elsewhere classified

#### **0907 ENVIRONMENTAL ENGINEERING**

090701Environmental Engineering Design  
090702Environmental Engineering Modelling  
090703Environmental Technologies  
090799Environmental Engineering not elsewhere classified

#### **0908 FOOD SCIENCES**

090801Food Chemistry and Molecular Gastronomy (excl. Wine)  
090802Food Engineering  
090803Food Nutritional Balance  
090804Food Packaging, Preservation and Safety  
090805Food Processing  
090806Wine Chemistry and Wine Sensory Science  
090899Food Sciences not elsewhere classified

#### **0909 GEOMATIC ENGINEERING**

090901Cartography  
090902Geodesy  
090903Geospatial Information Systems  
090904Navigation and Position Fixing

290801 Structural Engineering  
290803 Transport Engineering  
290802pWater and Sanitary Engineering  
290802pWater and Sanitary Engineering  
290899pCivil Engineering not elsewhere classified

290902pIntegrated Circuits  
290903pOther Electronic Engineering  
290301pRobotics and Mechatronics  
290901pElectrical Engineering  
290902pIntegrated Circuits  
290903pOther Electronic Engineering  
290902pIntegrated Circuits  
290901pElectrical Engineering

290901pElectrical Engineering

290901pElectrical Engineering

290901pElectrical Engineering

280204 Signal Processing

290903pOther Electronic Engineering

291103 Environmental Engineering Design

291101 Environmental Engineering Modelling

291104 Environmental Technologies

291199 Environmental Engineering not elsewhere classified

290104pOther Food Sciences

290102 Food Engineering

290104pOther Food Sciences

290104pOther Food Sciences

290103 Food Processing

290104pOther Food Sciences

290104pOther Food Sciences

291006 Cartography

291001 Geodesy

291004 Spatial Information Systems

291005 Navigation and Position Fixing

090905Photogrammetry and Remote Sensing	291003 Photogrammetry and Remote Sensing
090906Surveying (incl. Hydrographic Surveying)	291002 Surveying
	291099pGeomatic Engineering not elsewhere classified
090999Geomatic Engineering not elsewhere classified	291099pGeomatic Engineering not elsewhere classified
<b>0910 MANUFACTURING ENGINEERING</b>	
091001CAD/CAM Systems	290303 CAD/CAM Systems
091002Flexible Manufacturing Systems	290302 Flexible Manufacturing Systems
091003Machine Tools	290399pManufacturing Engineering not elsewhere classified
091004Machining	290399pManufacturing Engineering not elsewhere classified
091005Manufacturing Management	290399pManufacturing Engineering not elsewhere classified
091006Manufacturing Processes and Technologies (excl. Textiles)	290305 Welding Technology
	290307 Printing Technology
091007Manufacturing Robotics and Mechatronics (excl. Automotive Mechatronics)	290301pRobotics and Mechatronics
091008Manufacturing Safety and Quality	290309 Safety and Quality
091009Microtechnology	290399pManufacturing Engineering not elsewhere classified
091010Packaging, Storage and Transportation (excl. Food and Agricultural Products)	290308 Packaging, Storage and Transportation
091011Precision Engineering	290399pManufacturing Engineering not elsewhere classified
091012Textile Technology	290306 Textile Technology
091099Manufacturing Engineering not elsewhere classified	290399pManufacturing Engineering not elsewhere classified
<b>0911 MARITIME ENGINEERING</b>	
091101Marine Engineering	291204 Marine Engineering
091102Naval Architecture	291201 Naval Architecture
091103Ocean Engineering	291205 Ocean Engineering
091104Ship and Platform Hydrodynamics	291202 Ship and Platform Hydrodynamics
091105Ship and Platform Structures	291203 Ship and Platform Structures
091106Special Vehicles	291206 Special Vehicles
091199Maritime Engineering not elsewhere classified	291299 Maritime Engineering not elsewhere classified
<b>0912 MATERIALS ENGINEERING</b>	
091201Ceramics	291404 Ceramics
091202Composite and Hybrid Materials	291402 Composite Materials
	291499pMaterials Engineering not elsewhere classified
091203Compound Semiconductors	291499pMaterials Engineering not elsewhere classified

091204Elemental Semiconductors	291499pMaterials Engineering not elsewhere classified
091205Functional Materials	291499pMaterials Engineering not elsewhere classified
091206Glass	291499pMaterials Engineering not elsewhere classified
091207Metals and Alloy Materials	291302 Physical Metallurgy 291403 Alloy Materials
091208Organic Semiconductors	291499pMaterials Engineering not elsewhere classified
091209Polymers and Plastics	291401 Polymers 291407 Plastics
091210Timber, Pulp and Paper	291405 Timber 291406 Pulp and Paper
091299Materials Engineering not elsewhere classified	291499pMaterials Engineering not elsewhere classified
<b>0913 MECHANICAL ENGINEERING</b>	
091301Acoustics and Noise Control (excl. Architectural Acoustics)	290501pMechanical Engineering
091302Automation and Control Engineering	290502pIndustrial Engineering 290304 Control Engineering 290501pMechanical Engineering 290502pIndustrial Engineering
091303Autonomous Vehicles	290501pMechanical Engineering 290502pIndustrial Engineering
091304Dynamics, Vibration and Vibration Control	290501pMechanical Engineering 290502pIndustrial Engineering
091305Energy Generation, Conversion and Storage Engineering	290501pMechanical Engineering
091306Microelectromechanical Systems (MEMS)	290502pIndustrial Engineering 290501pMechanical Engineering 290502pIndustrial Engineering
091307Numerical Modelling and Mechanical Characterisation	290501pMechanical Engineering
091308Solid Mechanics	290502pIndustrial Engineering 290501pMechanical Engineering 290502pIndustrial Engineering
091309Tribology	290501pMechanical Engineering 290502pIndustrial Engineering
091399Mechanical Engineering not elsewhere classified	290501pMechanical Engineering
<b>0914 RESOURCES ENGINEERING AND EXTRACTIVE METALLURGY</b>	
091401Electrometallurgy	291301pProcess Metallurgy
091402Geomechanics and Resources Geotechnical	290704 Geomechanics

Engineering	
091403Hydrometallurgy	290805pGeotechnical Engineering
091404Mineral Processing/Beneficiation	291301pProcess Metallurgy
091405Mining Engineering	290702 Mineral Processing
091406Petroleum and Reservoir Engineering	290701 Mining Engineering
091407Pyrometallurgy	290703 Petroleum and Reservoir Engineering
091499Resources Engineering and Extractive Metallurgy not elsewhere classified	291301pProcess Metallurgy
<b>0915 INTERDISCIPLINARY ENGINEERING</b>	290799 Resources Engineering not elsewhere classified
091501Computational Fluid Dynamics	291899pInterdisciplinary Engineering not elsewhere classified
091502Computational Heat Transfer	291899pInterdisciplinary Engineering not elsewhere classified
091503Engineering Practice	291899pInterdisciplinary Engineering not elsewhere classified
091504Fluidisation and Fluid Mechanics	291801 Fluidization and Fluid Mechanics
091505Heat and Mass Transfer Operations	291802 Heat and Mass Transfer Operations
091506Nuclear Engineering (incl. Fuel Enrichment and Waste Processing and Storage)	291899pInterdisciplinary Engineering not elsewhere classified
091507Risk Engineering (excl. Earthquake Engineering)	291899pInterdisciplinary Engineering not elsewhere classified
091508Turbulent Flows	291803 Turbulent Flows
091599Interdisciplinary Engineering not elsewhere classified	291899pInterdisciplinary Engineering not elsewhere classified
<b>0999 OTHER ENGINEERING</b>	
099901Agricultural Engineering	299901 Agricultural Engineering
099902Engineering Instrumentation	299904pEngineering/Technology Instrumentation
099999Engineering not elsewhere classified	299999pEngineering and Technology not elsewhere classified
<b>10 TECHNOLOGY</b>	
<b>1001 AGRICULTURAL BIOTECHNOLOGY</b>	
100101Agricultural Biotechnology Diagnostics (incl. Biosensors)	250405pSensor (Chemical and Bio-) Technology
100102Agricultural Marine Biotechnology	270802pDiagnostic Applications
100103Agricultural Molecular Engineering of Nucleic Acids and Proteins	299903pBiosensor Technologies
100104Genetically Modified Animals	270899pBiotechnology not elsewhere classified
	270804pGenetic Technologies: Transformation, Site-directed Mutagenesis, etc.
	270899pBiotechnology not elsewhere classified
	270805pGenetic Engineering and Enzyme Technology
	270899pBiotechnology not elsewhere classified
	300499pAnimal Production not elsewhere classified

100105Genetically Modified Field Crops and Pasture	270805pGenetic Engineering and Enzyme Technology
	300203pPlant Improvement (Selection, Breeding and Genetic Engineering)
100106Genetically Modified Horticulture Plants	270805pGenetic Engineering and Enzyme Technology
	300301pPlant Improvement (Selection, Breeding and Genetic Engineering)
100107Genetically Modified Trees	270805pGenetic Engineering and Enzyme Technology
	300602pTree Improvement (Selection, Breeding and Genetic Engineering)
100108Livestock cloning	270899pBiotechnology not elsewhere classified
	300499pAnimal Production not elsewhere classified
100109Transgenesis	270803 Transgenesis
100199Agricultural Biotechnology not elsewhere classified	270899pBiotechnology not elsewhere classified
<b>1002 ENVIRONMENTAL BIOTECHNOLOGY</b>	
100201Biodiscovery	270899pBiotechnology not elsewhere classified
100202Biological Control	270899pBiotechnology not elsewhere classified
100203Bioremediation	291102 Bio-remediation
100204Environmental Biotechnology Diagnostics (incl. Biosensors)	250405pSensor (Chemical and Bio-) Technology
	270802pDiagnostic Applications
	299903pBiosensor Technologies
100205Environmental Marine Biotechnology	270899pBiotechnology not elsewhere classified
100206Environmental Molecular Engineering of Nucleic Acids and Proteins	270804pGenetic Technologies: Transformation, Site-directed Mutagenesis, etc.
	270899pBiotechnology not elsewhere classified
100299Environmental Biotechnology not elsewhere classified	270899pBiotechnology not elsewhere classified
<b>1003 INDUSTRIAL BIOTECHNOLOGY</b>	
100301Biocatalysis and Enzyme Technology	270805pGenetic Engineering and Enzyme Technology
	290105pOther Industrial Biotechnology
100302Bioprocessing, Bioproduction and Bioproducts	290101pFermentation, Biotechnology and Industrial Microbiology
	290105pOther Industrial Biotechnology
100303Fermentation	290101pFermentation, Biotechnology and Industrial Microbiology
100304Industrial Biotechnology Diagnostics (incl. Biosensors)	250405pSensor (Chemical and Bio-) Technology
	270802pDiagnostic Applications
	299903pBiosensor Technologies
100305Industrial Microbiology (incl. Biofeedstocks)	290101pFermentation, Biotechnology and

100306Industrial Molecular Engineering of Nucleic Acids and Proteins	Industrial Microbiology 270804pGenetic Technologies: Transformation, Site-directed Mutagenesis, etc. 270899pBiotechnology not elsewhere classified 290105pOther Industrial Biotechnology 290105pOther Industrial Biotechnology
100399Industrial Biotechnology not elsewhere classified	
<b>1004 MEDICAL BIOTECHNOLOGY</b>	
100401Gene and Molecular Therapy	270801 Gene Therapy 329902pMedical Biotechnology 250405pSensor (Chemical and Bio-) Technology
100402Medical Biotechnology Diagnostics (incl. Biosensors)	270802pDiagnostic Applications 299903pBiosensor Technologies 329902pMedical Biotechnology
100403Medical Molecular Engineering of Nucleic Acids and Proteins	270804pGenetic Technologies: Transformation, Site-directed Mutagenesis, etc. 270899pBiotechnology not elsewhere classified 329902pMedical Biotechnology
100404Regenerative Medicine (incl. Stem Cells and Tissue Engineering)	270899pBiotechnology not elsewhere classified
100499Medical Biotechnology not elsewhere classified	329902pMedical Biotechnology 270899pBiotechnology not elsewhere classified
<b>1005 COMMUNICATIONS TECHNOLOGIES</b>	329902pMedical Biotechnology
100501Antennas and Propagation	291701 Antenna Technology 291799pCommunications Technologies not elsewhere classified
100502Broadband and Modem Technology	291706 Broadband Network Technology 291707 Modem Technology
100503Computer Communications Networks	291704 Computer Communications Networks
100504Data Communications	291703pDigital Systems
100505Microwave and Millimetrewave Theory and Technology	291705 Microwave and Millimetrewave Technology 291799pCommunications Technologies not elsewhere classified
100506Optical Fibre Communications	291702pOptical and Photonic Systems
100507Optical Networks and Systems	291702pOptical and Photonic Systems
100508Satellite Communications	291709 Satellite Communications
100509Video Communications	291703pDigital Systems
100510Wireless Communications	291703pDigital Systems
100599Communications Technologies not elsewhere classified	291708 Baseband Technology  291710 Radio Communications and Broadcasting not elsewhere classified

## **1006 COMPUTER HARDWARE**

100601 Arithmetic and Logic Structures  
100602 Input, Output and Data Devices  
100603 Logic Design  
100604 Memory Structures  
100605 Performance Evaluation; Testing and  
Simulation of Reliability  
100606 Processor Architectures  
100699 Computer Hardware not elsewhere classified

## **1007 NANOTECHNOLOGY**

100701 Environmental Nanotechnology  
100702 Molecular and Organic Electronics  
100703 Nanobiotechnology  
100704 Nanoelectromechanical Systems  
100705 Nanoelectronics  
100706 Nanofabrication, Growth and Self Assembly  
100707 Nanomanufacturing  
100708 Nanomaterials  
100709 Nanomedicine  
100710 Nanometrology  
100711 Nanophotonics  
100712 Nanoscale Characterisation  
100713 Nanotoxicology, Health and Safety  
100799 Nanotechnology not elsewhere classified

## **1099 OTHER TECHNOLOGY**

109999 Technology not elsewhere classified

## **11 MEDICAL AND HEALTH SCIENCES**

### **1101 MEDICAL BIOCHEMISTRY AND METABOLOMICS**

110101 Medical Biochemistry: Amino Acids and  
Metabolites  
110102 Medical Biochemistry: Carbohydrates  
110103 Medical Biochemistry: Inorganic Elements and  
Compounds  
110104 Medical Biochemistry: Lipids  
110105 Medical Biochemistry: Nucleic Acids  
110106 Medical Biochemistry: Proteins and Peptides  
(incl. Medical Proteomics)  
110107 Metabolic Medicine

291799p Communications Technologies not  
elsewhere classified

291601 Arithmetic and Logic Structures  
291603 Input, Output and Data Devices  
291604 Logic Design  
291602 Memory Structures  
291699p Computer Hardware not elsewhere  
classified  
291605 Processor Architectures  
291699p Computer Hardware not elsewhere  
classified

291804p Nanotechnology  
291804p Nanotechnology  
291804p Nanotechnology  
291804p Nanotechnology  
291804p Nanotechnology  
291804p Nanotechnology  
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291804p Nanotechnology  
291804p Nanotechnology  
291804p Nanotechnology  
291804p Nanotechnology

299904p Engineering/Technology  
Instrumentation  
299999p Engineering and Technology not  
elsewhere classified

320307p Medical Biochemistry: Other  
320302 Medical Biochemistry: Carbohydrates  
320307p Medical Biochemistry: Other  
320303 Medical Biochemistry: Lipids  
320306 Medical Biochemistry: Phospholipids  
320304 Medical Biochemistry: Nucleic Acids  
320305 Medical Biochemistry: Proteins and  
Peptides  
320307p Medical Biochemistry: Other

110199Medical Biochemistry and Metabolomics not elsewhere classified	320307pMedical Biochemistry: Other
<b>1102 CARDIORESPIRATORY MEDICINE AND HAEMATOLOGY</b>	
110201Cardiology (incl. Cardiovascular Diseases)	321003 Cardiology (incl. Cardiovascular Diseases)
110202Haematology	321008 Haematology
110203Respiratory Diseases	321027 Respiratory Diseases
110299Cardiorespiratory Medicine and Haematology not elsewhere classified	321099pClinical Sciences not elsewhere classified
<b>1103 CLINICAL SCIENCES</b>	
110301Anaesthesiology	321001 Anaesthesiology
110302Clinical Chemistry (diagnostics)	320301 Clinical Chemistry
110303Clinical Microbiology	320499pMedical Microbiology not elsewhere classified
	321099pClinical Sciences not elsewhere classified
110304Dermatology	321002 Dermatology
110305Emergency Medicine	321099pClinical Sciences not elsewhere classified
110306Endocrinology	321004 Endocrinology
110307Gastroenterology and Hepatology	321006 Gastroenterology and Hepatology
110308Geriatrics and Gerontology	321007 Geriatrics and Gerontology
110309Infectious Diseases	321010 Infectious Diseases
110310Intensive Care	321009 Intensive Care
110311Medical Genetics (excl. Cancer Genetics)	321011pMedical Genetics
110312Nephrology and Urology	321012 Nephrology and Urology
110313Nuclear Medicine	321023pRadiotherapy and Nuclear Medicine
110314Orthopaedics	321017 Orthopaedics
110315Otorhinolaryngology	321018 Otorhinolaryngology
110316Pathology (excl. Oral Pathology)	321020pPathology
110317Physiotherapy	321024pRehabilitation and Therapy: Occupational and Physical
	321099pClinical Sciences not elsewhere classified
110318Podiatry	329901 Podiatry
110319Psychiatry (incl. Psychotherapy)	321021 Psychiatry
	321099pClinical Sciences not elsewhere classified
110320Radiology and Organ Imaging	321022 Radiology and Organ Imaging
110321Rehabilitation and Therapy (excl. Physiotherapy)	321024pRehabilitation and Therapy: Occupational and Physical
	321025 Rehabilitation and Therapy: Hearing and Speech
110322Rheumatology and Arthritis	321028 Rheumatology and Arthritis
110323Surgery	321029 Surgery

110324Venereology  
110399Clinical Sciences not elsewhere classified

#### **1104 COMPLEMENTARY AND ALTERNATIVE MEDICINE**

110401Chiropractic  
110402Naturopathy  
110403Traditional Aboriginal and Torres Strait  
Islander Medicine and Treatments  
110404Traditional Chinese Medicine and Treatments  
110405Traditional Maori Medicine and Treatments

110499Complementary and Alternative Medicine not  
elsewhere classified

#### **1105 DENTISTRY**

110501Dental Materials and Equipment

110502Dental Therapeutics, Pharmacology and  
Toxicology

110503Endodontics

110504Oral and Maxillofacial Surgery

110505Oral Medicine and Pathology

110506Orthodontics and Dentofacial Orthopaedics

110507Paedodontics

110508Periodontics

110509Special Needs Dentistry

110599Dentistry not elsewhere classified

#### **1106 HUMAN MOVEMENT AND SPORTS SCIENCE**

110601Biomechanics

110602Exercise Physiology

110603Motor Control

110604Sports Medicine

110699Human Movement and Sports Science not  
elsewhere classified

#### **1107 IMMUNOLOGY**

110701Allergy

110702Applied Immunology (incl. Antibody  
Engineering, Xenotransplantation and T-cell

321030 Venereology

321099pClinical Sciences not elsewhere  
classified

321302 Chiropractic

321303 Naturopathy

321399pComplementary/Alternative Medicine  
not elsewhere classified

321301 Oriental Medicine and Treatments

321399pComplementary/Alternative Medicine  
not elsewhere classified

321399pComplementary/Alternative Medicine  
not elsewhere classified

320803 Dental Technology

320899pDentistry not elsewhere classified

320502pBasic Pharmacology

320503pClinical Pharmacology and  
Therapeutics

320504pToxicology (incl. Clinical Toxicology)

320899pDentistry not elsewhere classified

320899pDentistry not elsewhere classified

320801 Oral Surgery

320899pDentistry not elsewhere classified

320899pDentistry not elsewhere classified

321020pPathology

320899pDentistry not elsewhere classified

320899pDentistry not elsewhere classified

320899pDentistry not elsewhere classified

320899pDentistry not elsewhere classified

320802 Dentistry Support

320804 Dental Therapy

320899pDentistry not elsewhere classified

321402 Biomechanics

321401 Exercise Physiology

321403 Motor Control

321405 Sports Medicine

321499 Human Movement and Sports Science  
not elsewhere classified

320201 Allergy

320299pImmunology not elsewhere classified

Therapies)	
110703Autoimmunity	320207 Autoimmunity
110704Cellular Immunology	320202 Cellular Immunology
110705Humoural Immunology and Immunochemistry	320203 Humoral Immunology and Immunochemistry
110706Immunogenetics (incl. Genetic Immunology)	320204 Immunogenetics
110707Innate Immunity	320299pImmunology not elsewhere classified
110708Transplantation Immunology	320205 Transplantation Immunology
110709Tumour Immunology	320206 Tumor Immunology
110799Immunology not elsewhere classified	320299pImmunology not elsewhere classified
<b>1108 MEDICAL MICROBIOLOGY</b>	
110801Medical Bacteriology	320401 Medical Bacteriology
110802Medical Infection Agents (incl. Prions)	320403 Medical Infection Agents (incl. Prions)
110803Medical Parasitology	320405 Medical Parasitology
110804Medical Virology	320402 Medical Virology
110899Medical Microbiology not elsewhere classified	320404 Medical Mycology
	320499pMedical Microbiology not elsewhere classified
<b>1109 NEUROSCIENCES</b>	
110901Autonomic Nervous System	320701 Autonomic Nervous System
110902Cellular Nervous System	320704 Cellular Nervous System
110903Central Nervous System	320702 Central Nervous System
110904Neurology and Neuromuscular Diseases	321013 Neurology and Neuromuscular Diseases
110905Peripheral Nervous System	320703 Peripheral Nervous System
110906Sensory Systems	320705 Sensory Systems
110999Neurosciences not elsewhere classified	320799 Neurosciences not elsewhere classified
<b>1110 NURSING</b>	
111001Aged Care Nursing	321106 Aged Care Nursing
111002Clinical Nursing: Primary (Preventative)	321102 Clinical Nursing: Primary (Preventative)
111003Clinical Nursing: Secondary (Acute Care)	321103 Clinical Nursing: Secondary (Acute Care)
111004Clinical Nursing: Tertiary (Rehabilitative)	321104 Clinical Nursing: Tertiary (Rehabilitative)
111005Mental Health Nursing	321105 Mental Health Nursing
111006Midwifery	321101 Midwifery
111099Nursing not elsewhere classified	321199 Nursing not elsewhere classified
<b>1111 NUTRITION AND DIETETICS</b>	
111101Clinical and Sports Nutrition	321205pNutrition and Dietetics
111102Dietetics and Nutrigenomics	321205pNutrition and Dietetics
111103Nutritional Physiology	321205pNutrition and Dietetics
111104Public Nutrition Intervention	321205pNutrition and Dietetics
111199Nutrition and Dietetics not elsewhere classified	321205pNutrition and Dietetics
<b>1112 ONCOLOGY AND CARCINOGENESIS</b>	
111201Cancer Cell Biology	321015pOncology and Carcinogenesis
111202Cancer Diagnosis	321015pOncology and Carcinogenesis

111203Cancer Genetics	321011pMedical Genetics
111204Cancer Therapy (excl. Chemotherapy and Radiation Therapy)	321015pOncology and Carcinogenesis
111205Chemotherapy	321015pOncology and Carcinogenesis
111206Haematological Tumours	321015pOncology and Carcinogenesis
111207Molecular Targets	321015pOncology and Carcinogenesis
111208Radiation Therapy	321023pRadiotherapy and Nuclear Medicine
111209Solid Tumours	321015pOncology and Carcinogenesis
111299Oncology and Carcinogenesis not elsewhere classified	321015pOncology and Carcinogenesis
<b>1113 OPHTHALMOLOGY AND OPTOMETRY</b>	
111301Ophthalmology	321016pOphthalmology and Vision Science
111302Optical Technology	320901 Optical Technology
111303Vision Science	321016pOphthalmology and Vision Science
111399Ophthalmology and Optometry not elsewhere classified	320999 Optometry not elsewhere classified
	321099pClinical Sciences not elsewhere classified
<b>1114 PAEDIATRICS AND REPRODUCTIVE MEDICINE</b>	
111401Foetal Development and Medicine	321005 Foetal Development and Medicine
111402Obstetrics and Gynaecology	321014 Obstetrics and Gynaecology
111403Paediatrics	321019 Paediatrics
111404Reproduction	321026 Reproduction
111499Paediatrics and Reproductive Medicine not elsewhere classified	321099pClinical Sciences not elsewhere classified
<b>1115 PHARMACOLOGY AND PHARMACEUTICAL SCIENCES</b>	
111501Basic Pharmacology	320502pBasic Pharmacology
111502Clinical Pharmacology and Therapeutics	320503pClinical Pharmacology and Therapeutics
111503Clinical Pharmacy and Pharmacy Practice	320501pPharmaceutical Sciences and Pharmacy
111504Pharmaceutical Sciences	320501pPharmaceutical Sciences and Pharmacy
111505Pharmacogenomics	320599pPharmacology not elsewhere classified
111506Toxicology (incl. Clinical Toxicology)	320504pToxicology (incl. Clinical Toxicology)
111599Pharmacology and Pharmaceutical Sciences not elsewhere classified	320599pPharmacology not elsewhere classified
<b>1116 MEDICAL PHYSIOLOGY</b>	
111601Cell Physiology	320602 Cell Physiology
111602Human Biophysics	320601 Human Biophysics
111603Systems Physiology	320603 Systems Physiology
111699Medical Physiology not elsewhere classified	320699 Medical Physiology not elsewhere classified

## **1117 PUBLIC HEALTH AND HEALTH SERVICES**

111701 Aboriginal and Torres Strait Islander Health  
111702 Aged Health Care

111703 Care for Disabled  
111704 Community Child Health  
111705 Environmental and Occupational Health and  
Safety  
111706 Epidemiology  
111707 Family Care  
111708 Health and Community Services  
111709 Health Care Administration  
111710 Health Counselling  
111711 Health Information Systems (incl. Surveillance)

111712 Health Promotion  
111713 Maori Health  
111714 Mental Health  
111715 Pacific Peoples Health  
111716 Preventive Medicine  
111717 Primary Health Care  
111718 Residential Client Care  
111799 Public Health and Health Services not elsewhere  
classified

## **1199 OTHER MEDICAL AND HEALTH SCIENCES**

119999 Medical and Health Sciences not elsewhere  
classified

321207p Indigenous Health  
321299p Public Health and Health Services  
not elsewhere classified  
321212 Care for Disabled  
321210 Community Child Health  
321201 Environmental and Occupational  
Health and Safety  
321202 Epidemiology  
321209 Family Care  
321214 Health and Community Services  
321215 Health Care Administration  
321217 Health Counselling  
321203 Health Information Systems (incl.  
Surveillance)  
321216 Health Promotion  
321207p Indigenous Health  
321204 Mental Health  
321207p Indigenous Health  
321206 Preventive Medicine  
321208 Primary Health Care  
321211 Residential Client Care  
321299p Public Health and Health Services  
not elsewhere classified

329903 Therapies and Therapeutic  
Technology  
329999 Medical and Health Sciences not  
elsewhere classified

## **12 BUILT ENVIRONMENT AND DESIGN**

### **1201 ARCHITECTURE**

120101 Architectural Design  
120102 Architectural Heritage and Conservation  
120103 Architectural History and Theory

120104 Architectural Science and Technology (incl.  
Acoustics, Lighting, Structure and Ecologically  
Sustainable Design)

120105 Architecture Management

120106 Interior Design  
120107 Landscape Architecture

310101p Architecture  
310102 Heritage and Conservation  
310105p History of the Built Environment  
310199p Architecture and Urban Environment  
not elsewhere classified  
310101p Architecture  
310199p Architecture and Urban Environment  
not elsewhere classified  
310101p Architecture  
310199p Architecture and Urban Environment  
not elsewhere classified  
310106 Interior and Environmental Design  
310104 Landscape Planning

120199Architecture not elsewhere classified	310101pArchitecture
	310199pArchitecture and Urban Environment not elsewhere classified
<b>1202 BUILDING</b>	
120201Building Construction Management and Project Planning	310202 Building Construction Management
120202Building Science and Techniques	310201 Building Science and Techniques
120203Quantity Surveying	310203pBuilding Construction Economics (incl. Quantity Surveying)
	310203pBuilding Construction Economics (incl. Quantity Surveying)
120299Building not elsewhere classified	310299 Building not elsewhere classified
<b>1203 DESIGN PRACTICE AND MANAGEMENT</b>	
120301Design History and Theory	410401 Design Theory
	410405 Design History and Cultural Theory
120302Design Innovation	410402 Design Innovation
120303Design Management and Studio and Professional Practice	410403 Design Studio Practice
	410404 Design Management and Professional Practice
120304Digital and Interaction Design	410499pDesign Studies not elsewhere classified
120305Industrial Design	410499pDesign Studies not elsewhere classified
120306Textile and Fashion Design	410499pDesign Studies not elsewhere classified
120307Visual Communication Design (incl. Graphic Design)	410499pDesign Studies not elsewhere classified
120399Design Practice and Management not elsewhere classified	410499pDesign Studies not elsewhere classified
<b>1204 ENGINEERING DESIGN</b>	
120401Engineering Design Empirical Studies	299999pEngineering and Technology not elsewhere classified
	410499pDesign Studies not elsewhere classified
120402Engineering Design Knowledge	299999pEngineering and Technology not elsewhere classified
	410499pDesign Studies not elsewhere classified
120403Engineering Design Methods	299999pEngineering and Technology not elsewhere classified
	410499pDesign Studies not elsewhere classified
120404Engineering Systems Design	299999pEngineering and Technology not elsewhere classified
	410499pDesign Studies not elsewhere

120405Models of Engineering Design	classified 299999pEngineering and Technology not elsewhere classified 410499pDesign Studies not elsewhere classified
120499Engineering Design not elsewhere classified	299999pEngineering and Technology not elsewhere classified 410499pDesign Studies not elsewhere classified
<b>1205 URBAN AND REGIONAL PLANNING</b>	
120501Community Planning	310103pUrban and Regional Planning
120502History and Theory of the Built Environment (excl. Architecture)	310105pHistory of the Built Environment  310199pArchitecture and Urban Environment not elsewhere classified
120503Housing Markets, Development, Management	310103pUrban and Regional Planning
120504Land Use and Environmental Planning	310103pUrban and Regional Planning
120505Regional Analysis and Development	310103pUrban and Regional Planning
120506Transport Planning	310103pUrban and Regional Planning
120507Urban Analysis and Development	310103pUrban and Regional Planning
120508Urban Design	310103pUrban and Regional Planning
120599Urban and Regional Planning not elsewhere classified	310103pUrban and Regional Planning  310199pArchitecture and Urban Environment not elsewhere classified
<b>1299 OTHER BUILT ENVIRONMENT AND DESIGN</b>	
129999Built Environment and Design not elsewhere classified	299999pEngineering and Technology not elsewhere classified 319999 Other Architecture, Urban Environment and Building 419999pThe Arts not elsewhere classified
<b>13 EDUCATION</b>	
<b>1301 EDUCATION SYSTEMS</b>	
130101Continuing and Community Education	330304pTeacher Education: Vocational Education and Training 339999pOther Education
130102Early Childhood Education (excl. Maori)	330301pTeacher Education: Early Childhood 339999pOther Education
130103Higher Education	330305pTeacher Education: Higher Education 339999pOther Education
130104Kura Kaupapa Maori (Maori Primary Education)	330302pTeacher Education: Primary 339999pOther Education
130105Primary Education (excl. Maori)	330302pTeacher Education: Primary 339999pOther Education
130106Secondary Education	330303pTeacher Education: Secondary 339999pOther Education

130107Te Whariki (Maori Early Childhood Education)	330301pTeacher Education: Early Childhood 339999pOther Education
130108Technical, Further and Workplace Education	330304pTeacher Education: Vocational Education and Training 339999pOther Education
130199Education Systems not elsewhere classified	330399pProfessional Development of Teachers not elsewhere classified 339999pOther Education
<b>1302 CURRICULUM AND PEDAGOGY</b>	
130201Creative Arts, Media and Communication Curriculum and Pedagogy	330205pCurriculum Studies: Other Social Sciences, Humanities and Arts Education 330299pCurriculum Studies not elsewhere classified
130202Curriculum and Pedagogy Theory and Development	330206 Curriculum Theory and Development  330299pCurriculum Studies not elsewhere classified
130203Economics, Business and Management Curriculum and Pedagogy	330204pCurriculum Studies: Economics, Commerce, Management and Services Education 330299pCurriculum Studies not elsewhere classified
130204English and Literacy Curriculum and Pedagogy (excl. LOTE, ESL and TESOL)	330201pCurriculum Studies: English Education 330299pCurriculum Studies not elsewhere classified
130205Humanities and Social Sciences Curriculum and Pedagogy (excl. Economics, Business and Management)	330205pCurriculum Studies: Other Social Sciences, Humanities and Arts Education 330299pCurriculum Studies not elsewhere classified
130206Kohanga Reo (Maori Language Curriculum and Pedagogy)	390203pLegal Education 330299pCurriculum Studies not elsewhere classified
130207LOTE, ESL and TESOL Curriculum and Pedagogy (excl. Maori)	330201pCurriculum Studies: English Education 330299pCurriculum Studies not elsewhere classified
130208Mathematics and Numeracy Curriculum and Pedagogy	330202 Curriculum Studies: Mathematics Education 330299pCurriculum Studies not elsewhere classified
130209Medicine, Nursing and Health Curriculum and Pedagogy	330299pCurriculum Studies not elsewhere classified 330307pTeacher Education: Nursing and

	Health
130210Physical Education and Development Curriculum and Pedagogy	330299pCurriculum Studies not elsewhere classified
130211Religion Curriculum and Pedagogy	330299pCurriculum Studies not elsewhere classified
130212Science, Technology and Engineering Curriculum and Pedagogy	330203 Curriculum Studies: Science Education 330299pCurriculum Studies not elsewhere classified
130213Vocational Education and Training Curriculum and Pedagogy	330204pCurriculum Studies: Economics, Commerce, Management and Services Education 330299pCurriculum Studies not elsewhere classified
130299Curriculum and Pedagogy not elsewhere classified	330299pCurriculum Studies not elsewhere classified
<b>1303 SPECIALIST STUDIES IN EDUCATION</b>	
130301Aboriginal and Torres Strait Islander Education	330199pEducation Studies not elsewhere classified
130302Comparative and Cross-Cultural Education	330106 Comparative Education 330199pEducation Studies not elsewhere classified
130303Education Assessment and Evaluation	330109 Assessment and Evaluation
130304Educational Administration, Management and Leadership	330104pEducational Policy, Administration and Management 330199pEducation Studies not elsewhere classified
130305Educational Counselling	330105 Educational Counselling
130306Educational Technology and Computing	330107 Educational Technology and Media
130307Ethnic Education (excl. Aboriginal and Torres Strait Islander, Maori and Pacific Peoples)	330199pEducation Studies not elsewhere classified
130308Gender, Sexuality and Education	330199pEducation Studies not elsewhere classified
130309Learning Sciences	330101 Educational Psychology
130310Maori Education (excl. Early Childhood and Primary Education)	330199pEducation Studies not elsewhere classified
130311Pacific Peoples Education	330199pEducation Studies not elsewhere classified
130312Special Education and Disability	330108 Special Education 330306pTeacher Education: Special Education
130313Teacher Education and Professional Development of Educators	330199pEducation Studies not elsewhere classified 330301pTeacher Education: Early Childhood 330302pTeacher Education: Primary 330303pTeacher Education: Secondary

	330304pTeacher Education: Vocational Education and Training
	330305pTeacher Education: Higher Education
	330306pTeacher Education: Special Education
	330307pTeacher Education: Nursing and Health
	330399pProfessional Development of Teachers not elsewhere classified
130399Specialist Studies in Education not elsewhere classified	330199pEducation Studies not elsewhere classified
<b>1399 OTHER EDUCATION</b>	
139999Education not elsewhere classified	339999pOther Education
<b>14 ECONOMICS</b>	
<b>1401 ECONOMIC THEORY</b>	
140101History of Economic Thought	340302 History of Economic Thought
140102Macroeconomic Theory	340102 Macroeconomic Theory
140103Mathematical Economics	340103 Mathematical Economics
140104Microeconomic Theory	340101 Microeconomic Theory
140199Economic Theory not elsewhere classified	340199 Economic Theory not elsewhere classified
<b>1402 APPLIED ECONOMICS</b>	
140201Agricultural Economics	340201 Agricultural Economics
140202Economic Development and Growth	340213 Economic Development and Growth
140203Economic History	340301 Economic History
140204Economics of Education	340299pApplied Economics not elsewhere classified
140205Environment and Resource Economics	340202 Environment and Resource Economics
140206Experimental Economics	340299pApplied Economics not elsewhere classified
140207Financial Economics	340203 Finance Economics
140208Health Economics	340204 Health Economics
140209Industry Economics and Industrial Organisation	340205 Industry Economics and Industrial Organisation
140210International Economics and International Finance	340206 International Economics and International Finance
140211Labour Economics	340207 Labour Economics
140212Macroeconomics (incl. Monetary and Fiscal Theory)	340208 Macroeconomics (incl. Monetary and Fiscal Theory)
140213Public Economics- Public Choice	340209pPublic Sector Economics
140214Public Economics- Publically Provided Goods	349901pPolitical Economy
140215Public Economics- Taxation and Revenue	340209pPublic Sector Economics
140216Tourism Economics	340209pPublic Sector Economics
140217Transport Economics	350505 Tourism Economics
	340211 Transport Economics

140218Urban and Regional Economics	340214 Urban and Regional Economics
140219Welfare Economics	340210 Welfare Economics
140299Applied Economics not elsewhere classified	340299pApplied Economics not elsewhere classified
<b>1403 ECONOMETRICS</b>	
140301Cross-Sectional Analysis	340404 Cross-Sectional Analysis
140302Econometric and Statistical Methods	340402 Econometric and Statistical Methods
140303Economic Models and Forecasting	340401 Economic Models and Forecasting
140304Panel Data Analysis	340405 Panel Data Analysis
140305Time-Series Analysis	340403 Time-Series Analysis
140399Econometrics not elsewhere classified	340499 Econometrics not elsewhere classified
<b>1499 OTHER ECONOMICS</b>	
149901Comparative Economic Systems	349902 Comparative Economic Systems
149902Ecological Economics	349999pEconomics not elsewhere classified
149903Heterodox Economics	349901pPolitical Economy
149999Economics not elsewhere classified	349999pEconomics not elsewhere classified
<b>15 COMMERCE, MANAGEMENT, TOURISM AND SERVICES</b>	
<b>1501 ACCOUNTING, AUDITING AND ACCOUNTABILITY</b>	
150101Accounting Theory and Standards	350107pOther Accounting
150102Auditing and Accountability	350103 Auditing and Accountability
150103Financial Accounting	350101 Financial Accounting
150104International Accounting	350106 International Accounting
150105Management Accounting	350102 Management Accounting
150106Sustainability Accounting and Reporting	350107pOther Accounting
150107Taxation Accounting	350104 Taxation
150199Accounting, Auditing and Accountability not elsewhere classified	350105 Bookkeeping
	350107pOther Accounting
<b>1502 BANKING, FINANCE AND INVESTMENT</b>	
150201Finance	350301 Finance
150202Financial Econometrics	350302 Financial Econometrics
150203Financial Institutions (incl. Banking)	350303 Financial Institutions (incl. Banking)
150204Insurance Studies	350304 Insurance Studies
150205Investment and Risk Management	350399pBanking, Finance and Investment not elsewhere classified
150299Banking, Finance and Investment not elsewhere classified	350399pBanking, Finance and Investment not elsewhere classified
<b>1503 BUSINESS AND MANAGEMENT</b>	
150301Business Information Management (incl. Records, Knowledge and Information Management, and Intelligence)	280103pInformation Storage, Retrieval and Management
	350299pBusiness and Management not elsewhere classified
150302Business Information Systems	350202 Business Information Systems (incl.

	Data Processing)
150303Corporate Governance and Stakeholder Engagement	350299pBusiness and Management not elsewhere classified
150304Entrepreneurship	350299pBusiness and Management not elsewhere classified
150305Human Resources Management	350201 Human Resources Management
150306Industrial Relations	350203 Industrial Relations
150307Innovation and Technology Management	350211 Innovation and Technology Management
150308International Business	350212 International Business
150309Logistics and Supply Chain Management	350205 Sales and Distribution
150310Organisation and Management Theory	350299pBusiness and Management not elsewhere classified
150311Organisational Behaviour	350299pBusiness and Management not elsewhere classified
150312Organisational Planning and Management	350208 Organisational Planning and Management
150313Quality Management	350210 Quality Management
150314Small Business Management	350209 Small Business Management
150399Business and Management not elsewhere classified	350207 Office Services
	350213 Electronic Commerce
	350299pBusiness and Management not elsewhere classified
<b>1504 COMMERCIAL SERVICES</b>	
150401Food and Hospitality Services	350602 Food and Hospitality Services
150402Hospitality Management	350601 Hospitality Management
150403Real Estate and Valuation Services	350603 Real Estate and Valuation
150404Sport and Leisure Management	350699pServices not elsewhere classified
150499Commercial Services not elsewhere classified	350604 Professional Services (Legal, Management Consulting, etc.)
	350605 Other Retail Services
	350606 Wholesale Services
	350699pServices not elsewhere classified
<b>1505 MARKETING</b>	
150501Consumer-Oriented Product or Service Development	350204pMarketing and Market Research
150502Marketing Communications	350204pMarketing and Market Research
	350206 Advertising and Public Relations
150503Marketing Management (incl. Strategy and Customer Relations)	350204pMarketing and Market Research
150504Marketing Measurement	350204pMarketing and Market Research
150505Marketing Research Methodology	350204pMarketing and Market Research
150506Marketing Theory	350204pMarketing and Market Research
150507Pricing (incl. Consumer Value Estimation)	350204pMarketing and Market Research
150599Marketing not elsewhere classified	350204pMarketing and Market Research

**1506 TOURISM**

150601 Impacts of Tourism  
150602 Tourism Forecasting  
150603 Tourism Management  
150604 Tourism Marketing  
150605 Tourism Resource Appraisal  
150606 Tourist Behaviour and Visitor Experience  
150699 Tourism not elsewhere classified

350503 Impacts of Tourism  
350506 Tourism Forecasting  
350507 Tourism Management  
350508 Tourism Marketing  
350502 Tourism Resource Appraisal  
350504 Tourist Behaviour  
350599 Tourism not elsewhere classified

**1507 TRANSPORTATION AND FREIGHT SERVICES**

150701 Air Transportation and Freight Services  
150702 Rail Transportation and Freight Services  
150703 Road Transportation and Freight Services  
150799 Transportation and Freight Services not elsewhere classified

350401 Aeronautical Transportation  
350405p Road and Rail Transportation  
350405p Road and Rail Transportation  
350402 Aircrew Training  
  
350403 Nautical Transportation  
350404 Marine Crew Training  
350499 Transportation not elsewhere classified

**1599 OTHER COMMERCE, MANAGEMENT, TOURISM AND SERVICES**

159999 Commerce, Management, Tourism and Services not elsewhere classified

359999 Other Commerce, Management, Tourism and Services

**16 STUDIES IN HUMAN SOCIETY****1601 ANTHROPOLOGY**

160101 Anthropology of Development  
160102 Biological (Physical) Anthropology  
160103 Linguistic Anthropology  
160104 Social and Cultural Anthropology  
160199 Anthropology not elsewhere classified

370399p Anthropology not elsewhere classified  
370301 Biological (Physical) Anthropology  
370303 Linguistic Anthropology  
370302 Social and Cultural Anthropology  
370399p Anthropology not elsewhere classified

**1602 CRIMINOLOGY**

160201 Causes and Prevention of Crime  
  
  
  
  
160202 Correctional Theory, Offender Treatment and Rehabilitation  
160203 Courts and Sentencing  
  
160204 Criminological Theories  
  
160205 Police Administration, Procedures and Practice  
  
  
160206 Private Policing and Security Services

390401p Criminology  
390404p Detection and Prevention of Crime; Security Services  
390499p Law Enforcement not elsewhere classified  
390405 Correctional Theory and Services; Penology  
390401p Criminology  
390499p Law Enforcement not elsewhere classified  
390401p Criminology  
390499p Law Enforcement not elsewhere classified  
390402p Evidence and Procedure  
  
390403 Police Administration, Procedures and Practice  
390401p Criminology  
390404p Detection and Prevention of Crime; Security

	Services
160299Criminology not elsewhere classified	390499pLaw Enforcement not elsewhere classified
	390401pCriminology
	390499pLaw Enforcement not elsewhere classified
<b>1603 DEMOGRAPHY</b>	
160301Family and Household Studies	370504 Family and Household Studies
160302Fertility	370503 Fertility
160303Migration	370502 Migration
160304Mortality	370599pDemography not elsewhere classified
160305Population Trends and Policies	370501 Population Trends and Policies
160399Demography not elsewhere classified	370599pDemography not elsewhere classified
<b>1604 HUMAN GEOGRAPHY</b>	
160401Economic Geography	340212 Economic Geography
160402Recreation, Leisure and Tourism Geography	370403 Recreation and Leisure Studies
160403Social and Cultural Geography	370402 Social and Cultural Geography
160404Urban and Regional Studies (excl. Planning)	370401 Urban and Regional Studies
160499Human Geography not elsewhere classified	370499 Human Geography not elsewhere classified
<b>1605 POLICY AND ADMINISTRATION</b>	
160501Aboriginal and Torres Strait Islander Policy	360299pPolicy and Administration not elsewhere classified
160502Arts and Cultural Policy	360299pPolicy and Administration not elsewhere classified
	420301 Cultural Policy Studies
160503Communications and Media Policy	360299pPolicy and Administration not elsewhere classified
160504Crime Policy	360299pPolicy and Administration not elsewhere classified
160505Economic Development Policy	360299pPolicy and Administration not elsewhere classified
160506Education Policy	330104pEducational Policy, Administration and Management
160507Environment Policy	360299pPolicy and Administration not elsewhere classified
160508Health Policy	360299pPolicy and Administration not elsewhere classified
160509Public Administration	360202 Public Administration
160510Public Policy	360201 Public Policy
160511Research, Science and Technology Policy	360203 Research, Science and Technology Policy
160512Social Policy	370102 Social Policy and Planning
	370203 Social Policy
160513Tourism Policy	350501 Tourism Policy and Planning
160514Urban Policy	360299pPolicy and Administration not elsewhere classified
160599Policy and Administration not elsewhere	360299pPolicy and Administration not elsewhere

classified

**1606 POLITICAL SCIENCE**

160601 Australian Government and Politics

160602 Citizenship

160603 Comparative Government and Politics

160604 Defence Studies

160605 Environmental Politics

160606 Government and Politics of Asia and the Pacific

160607 International Relations

160608 New Zealand Government and Politics

160609 Political Theory and Political Philosophy

160699 Political Science not elsewhere classified

**1607 SOCIAL WORK**

160701 Clinical Social Work Practice

160702 Counselling, Welfare and Community Services

160703 Social Program Evaluation

160799 Social Work not elsewhere classified

**1608 SOCIOLOGY**

160801 Applied Sociology, Program Evaluation and Social Impact Assessment

160802 Environmental Sociology

160803 Race and Ethnic Relations

160804 Rural Sociology

160805 Social Change

160806 Social Theory

160807 Sociological Methodology and Research Methods

160808 Sociology and Social Studies of Science and Technology

160809 Sociology of Education

160810 Urban Sociology and Community Studies

160899 Sociology not elsewhere classified

**1699 OTHER STUDIES IN HUMAN SOCIETY**

169901 Gender Specific Studies

169902 Studies of Aboriginal and Torres Strait Islander Society

169903 Studies of Asian Society

169904 Studies of Maori Society

169905 Studies of Pacific Peoples' Societies

classified

360101 Australian Government and Politics

360199p Political Science not elsewhere classified

360102 Comparative Government and Politics

360204 Defence Studies

360199p Political Science not elsewhere classified

360199p Political Science not elsewhere classified

360105 International Relations

360199p Political Science not elsewhere classified

360104 Political Theory and Political Philosophy

360103 Federalism and Intergovernmental Relations

360199p Political Science not elsewhere classified

370201 Clinical Social Work Practice

370204 Counselling, Welfare and Community Services

370202 Social Program Evaluation

370299 Social Work not elsewhere classified

370105 Applied Sociology, Program Evaluation and Social Impact Assessment

370199p Sociology not elsewhere classified

370103 Race and Ethnic Relations

370199p Sociology not elsewhere classified

370107 Social Change

370101 Social Theory

370106 Sociological Methodology and Research Methods

370602 Sociology and Social Studies of Science and Technology

330103 Sociology of Education

370104 Urban Sociology and Community Studies

370199p Sociology not elsewhere classified

379901 Gender Specific Studies

379902 Aboriginal Studies

379999p Studies in Human Society not elsewhere classified

379999p Studies in Human Society not elsewhere classified

379999p Studies in Human Society not elsewhere classified

169999 Studies in Human Society not elsewhere  
classified

369999 Other Policy and Political Science

379999p Studies in Human Society not elsewhere  
classified

## **17 PSYCHOLOGY AND COGNITIVE SCIENCES**

### **1701 PSYCHOLOGY**

170101 Biological Psychology (Neuropsychology,  
Psychopharmacology, Physiological  
Psychology)

170102 Developmental Psychology and Ageing

170103 Educational Psychology

170104 Forensic Psychology

170105 Gender Psychology

170106 Health, Clinical and Counselling  
Psychology

170107 Industrial and Organisational Psychology

170108 Kaupapa Maori Psychology

170109 Personality, Abilities and Assessment

170110 Psychological Methodology, Design and  
Analysis

170111 Psychology of Religion

170112 Sensory Processes, Perception and  
Performance

170113 Social and Community Psychology

170114 Sport and Exercise Psychology

170199 Psychology not elsewhere classified

### **1702 COGNITIVE SCIENCES**

170201 Computer Perception, Memory and  
Attention

170202 Decision Making

170203 Knowledge Representation and Machine  
Learning

170204 Linguistic Processes (incl. Speech  
Production and Comprehension)

170205 Neurocognitive Patterns and Neural  
Networks

170299 Cognitive Sciences not elsewhere classified

### **1799 OTHER PSYCHOLOGY AND COGNITIVE SCIENCES**

179999 Psychology and Cognitive Sciences not  
elsewhere classified

## **18 LAW AND LEGAL STUDIES**

### **1801 LAW**

180101 Aboriginal and Torres Strait Islander Law

380103 Biological Psychology (Neuropsychology,  
Psychopharmacology, Physiological  
Psychology)

380106 Developmental Psychology and Ageing

380102 Learning, Memory, Cognition and Language

380199p Psychology not elsewhere classified

380199p Psychology not elsewhere classified

380199p Psychology not elsewhere classified

380107 Health, Clinical and Counselling Psychology

380108 Industrial and Organisational Psychology

380199p Psychology not elsewhere classified

380104 Personality, Abilities and Assessment

380109 Psychological Methodology, Design and  
Analysis

440208 Psychology of Religion

380101 Sensory Processes, Perception and  
Performance

380105 Social and Community Psychology

321404 Sport and Exercise Psychology

380199p Psychology not elsewhere classified

380303 Computer Perception, Memory and  
Attention

380399p Cognitive Science not elsewhere classified

380305 Knowledge Representation and Machine  
Learning

380302 Linguistic Processes (incl. Speech  
Production and Comprehension)

380304 Neurocognitive Patterns and Neural  
Networks

380306 Planning and Problem Solving

380399p Cognitive Science not elsewhere classified

389999 Other Behavioural and Cognitive Sciences

390110p Indigenous Law

180102Access to Justice	390199pLaw not elsewhere classified
	390399pJustice and Legal Studies not elsewhere classified
180103Administrative Law	390101 Administrative Law
180104Civil Law and Procedure	390109 Civil Law
	390402pEvidence and Procedure
180105Commercial and Contract Law	390104 Commercial and Contract Law
180106Comparative Law	390102 Comparative Law
180107Conflict of Laws (Private International Law)	390111pInternational Law
	390199pLaw not elsewhere classified
180108Constitutional Law	390103pConstitutionalism and Constitutional Law
180109Corporations and Associations Law	390105 Corporations and Associations Law
180110Criminal Law and Procedure	390106 Criminal Law
	390402pEvidence and Procedure
180111Environmental and Natural Resources Law	390107 Environmental and Natural Resources Law
180112Equity and Trusts Law	390119 Equity Law
	390120 Trust Law
180113Family Law	390108 Family Law
180114Human Rights Law	390303pHuman Rights
180115Intellectual Property Law	390114 Intellectual Property
180116International Law (excl. International Trade Law)	390111pInternational Law
180117International Trade Law	390111pInternational Law
	390199pLaw not elsewhere classified
180118Labour Law	390116 Labour Law
180119Law and Society	390203pLegal Education
	390305 Law and Society
180120Legal Institutions (incl. Courts and Justice Systems)	390301 Justice Systems and Administration
	390399pJustice and Legal Studies not elsewhere classified
180121Legal Practice, Lawyering and the Legal Profession	390201 Legal Practice
	390299pProfessional Development of Law Practitioners not elsewhere classified
180122Legal Theory, Jurisprudence and Legal Interpretation	390202pAdjudication
	390302pJurisprudence and Legal Theory
180123Litigation, Adjudication and Dispute Resolution	390202pAdjudication
	390302pJurisprudence and Legal Theory
	390304 Counselling and Mediation Services
180124Property Law (excl. Intellectual Property Law)	390115 Property Law and Conveyancing (excl. Intellectual Property)
180125Taxation Law	390118 Taxation Law
180126Tort Law	390117 Tort Law

180199Law not elsewhere classified	390103pConstitutionalism and Constitutional Law
	390112 Law and Literature
	390199pLaw not elsewhere classified
	390299pProfessional Development of Law
	Practitioners not elsewhere classified
	390399pJustice and Legal Studies not elsewhere classified
<b>1802 MAORI LAW</b>	
180201Nga Tikanga Maori (Maori Customary Law)	390110pIndigenous Law
	399999pLaw, Justice and Law Enforcement not elsewhere classified
180202Te Maori Whakakaere Rauemi (Maori Resource Law)	390110pIndigenous Law
	399999pLaw, Justice and Law Enforcement not elsewhere classified
180203Te Tiriti O Waitangi (The Treaty of Waitangi)	390110pIndigenous Law
	399999pLaw, Justice and Law Enforcement not elsewhere classified
180204Te Ture Whenua (Maori Land Law)	390110pIndigenous Law
	399999pLaw, Justice and Law Enforcement not elsewhere classified
180299Maori Law not elsewhere classified	390110pIndigenous Law
	399999pLaw, Justice and Law Enforcement not elsewhere classified
<b>1899 OTHER LAW AND LEGAL STUDIES</b>	
189999Law and Legal Studies not elsewhere classified	399999pLaw, Justice and Law Enforcement not elsewhere classified
<b>19 STUDIES IN CREATIVE ARTS AND WRITING</b>	
<b>1901 ART THEORY AND CRITICISM</b>	
190101Art Criticism	419901pArt History and Appreciation
190102Art History	419901pArt History and Appreciation
190103Art Theory	419901pArt History and Appreciation
190104Visual Cultures	419901pArt History and Appreciation
190199Art Theory and Criticism not elsewhere classified	419901pArt History and Appreciation
<b>1902 FILM, TELEVISION AND DIGITAL MEDIA</b>	
190201Cinema Studies	410302 Cinema Studies
190202Computer Gaming and Animation	410303pMultimedia
190203Electronic Media Art	410303pMultimedia
190204Film and Television	410301 Film and Video
190205Interactive Media	410303pMultimedia
190299Film, Television and Digital Media not elsewhere classified	410304 Other Cinema and Electronic Arts
<b>1903 JOURNALISM AND PROFESSIONAL WRITING</b>	

190301 Journalism Studies	400101 Journalism
190302 Professional Writing	400199p Journalism, Communication and Media not elsewhere classified
190303 Technical Writing	400102 Technical Writing
190399 Journalism and Professional Writing not elsewhere classified	400199p Journalism, Communication and Media not elsewhere classified
<b>1904 PERFORMING ARTS AND CREATIVE WRITING</b>	
190401 Aboriginal and Torres Strait Islander Performing Arts	410104p Indigenous Performing Arts
190402 Creative Writing (incl. Playwriting)	400103 Professional Creative Writing
190403 Dance	410102p Drama, Theatre and Performance Studies
190404 Drama, Theatre and Performance Studies	410103 Dance
190405 Maori Performing Arts	410102p Drama, Theatre and Performance Studies
190406 Music Composition	410104p Indigenous Performing Arts
190407 Music Performance	410101p Music
190408 Music Therapy	410101p Music
190409 Musicology and Ethnomusicology	410101p Music
190410 Pacific Peoples Performing Arts	410104p Indigenous Performing Arts
190499 Performing Arts and Creative Writing not elsewhere classified	410199 Performing Arts not elsewhere classified
<b>1905 VISUAL ARTS AND CRAFTS</b>	
190501 Crafts	410204 Crafts
190502 Fine Arts (incl. Sculpture and Painting)	410202 Fine Arts (incl. Sculpture and Painting)
190503 Lens-based Practice	410203 Photography
190504 Performance and Installation Art	410299p Visual Arts and Crafts not elsewhere classified
190599 Visual Arts and Crafts not elsewhere classified	410201 Graphic Arts
	410299p Visual Arts and Crafts not elsewhere classified
<b>1999 OTHER STUDIES IN CREATIVE ARTS AND WRITING</b>	
199999 Studies in Creative Arts and Writing not elsewhere classified	409999p Other Journalism, Librarianship and Curatorial Studies
	419999p The Arts not elsewhere classified
<b>20 LANGUAGE, COMMUNICATION AND CULTURE</b>	
<b>2001 COMMUNICATION AND MEDIA STUDIES</b>	
200101 Communication Studies	400104p Communication and Media Studies
200102 Communication Technology and Digital Media Studies	400104p Communication and Media Studies
200103 International and Development Communication	400104p Communication and Media Studies
200104 Media Studies	400104p Communication and Media Studies
200105 Organisational, Interpersonal and	400104p Communication and Media Studies

Intercultural Communication	
200199Communication and Media Studies not elsewhere classified	400104pCommunication and Media Studies
<b>2002 CULTURAL STUDIES</b>	
200201Aboriginal and Torres Strait Islander Cultural Studies	420305 Aboriginal Cultural Studies
200202Asian Cultural Studies	420399pCultural Studies not elsewhere classified
200203Consumption and Everyday Life	420307 Consumption and Everyday Life
200204Cultural Theory	420302 Cultural Theory
200205Culture, Gender, Sexuality	420303 Culture, Gender, Sexuality
200206Globalisation and Culture	420306pPostcolonial and Global Cultural Studies
200207Maori Cultural Studies	420399pCultural Studies not elsewhere classified
200208Migrant Cultural Studies	420399pCultural Studies not elsewhere classified
200209Multicultural, Intercultural and Cross-cultural Studies	420308 Multicultural, Intercultural and Cross-cultural Studies
200210Pacific Cultural Studies	420399pCultural Studies not elsewhere classified
200211Postcolonial Studies	420306pPostcolonial and Global Cultural Studies
200212Screen and Media Culture	420304 Screen and Media Culture
200299Cultural Studies not elsewhere classified	420399pCultural Studies not elsewhere classified
<b>2003 LANGUAGE STUDIES</b>	
200301Early English Languages	420101pEnglish
200302English Language	420101pEnglish
200303English as a Second Language	420102 English as a Second Language
200304Central and Eastern European Languages (incl. Russian)	420110 Russian
	420111pOther European Languages
200305Latin and Classical Greek Languages	420104 Latin
	420105pGreek
200306French Language	420106 French
200307German Language	420107 German
200308Iberian Languages	420109 Spanish
	420111pOther European Languages
200309Italian Language	420108 Italian
200310Other European Languages	420111pOther European Languages
200311Chinese Languages	420112 Chinese Languages
200312Japanese Language	420113 Japanese
200313Indonesian Languages	420114 Indonesian Languages
200314South-East Asian Languages (excl. Indonesian)	420115 Malaysian Languages
	420118 Vietnamese Languages
	420119 Thai Languages
	420120pOther Asian Languages
200315Indian Languages	420116 Indian Languages
200316Korean Language	420117 Korean
200317Other Asian Languages (excl. South-East Asian)	420120pOther Asian Languages

200318Middle Eastern Languages	420120pOther Asian Languages
	420199pLanguage Studies not elsewhere classified
200319Aboriginal and Torres Strait Islander Languages	420103 Aboriginal Languages
200320Pacific Languages	420199pLanguage Studies not elsewhere classified
200321Te Reo Maori (Maori Language)	420199pLanguage Studies not elsewhere classified
200322Comparative Language Studies	420121 Comparative Language Studies
200323Translation and Interpretation Studies	420199pLanguage Studies not elsewhere classified
200399Language Studies not elsewhere classified	420105pGreek
	420122 Oracy and Oral Traditions
	420199pLanguage Studies not elsewhere classified
<b>2004 LINGUISTICS</b>	
200401Applied Linguistics and Educational Linguistics	380201 Applied Linguistics and Educational Linguistics
200402Computational Linguistics	380202 Computational Linguistics
200403Discourse and Pragmatics	380203 Discourse and Pragmatics
200404Laboratory Phonetics and Speech Science	380204 Laboratory Phonetics and Speech Science
200405Language in Culture and Society (Sociolinguistics)	380205 Language in Culture and Society (Sociolinguistics)
200406Language in Time and Space (incl. Historical Linguistics, Dialectology)	380206 Language in Time and Space (incl. Historical Linguistics, Dialectology)
200407Lexicography	380208 Lexicography
200408Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)	380207 Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)
200499Linguistics not elsewhere classified	380299 Linguistics not elsewhere classified
<b>2005 LITERARY STUDIES</b>	
200501Aboriginal and Torres Strait Islander Literature	420202pAustralian and New Zealand
200502Australian Literature (excl. Aboriginal and Torres Strait Islander Literature)	420202pAustralian and New Zealand
200503British and Irish Literature	420201 British and Irish
200504Maori Literature	420202pAustralian and New Zealand
200505New Zealand Literature (excl. Maori Literature)	420202pAustralian and New Zealand
200506North American Literature	420203 North American
200507Pacific Literature	420299pLiterature Studies not elsewhere classified
200508Other Literatures in English	420299pLiterature Studies not elsewhere classified
200509Central and Eastern European Literature	420209 Russian

(incl. Russian)	
200510Latin and Classical Greek Literature	420210pOther European
200511Literature in French	420205 Latin and Classical Greek
	420206 French
	420210pOther European
	420299pLiterature Studies not elsewhere classified
200512Literature in German	420207 German
	420210pOther European
200513Literature in Italian	420208 Italian
200514Literature in Spanish and Portuguese	420204 South American
	420210pOther European
200515Other European Literature	420210pOther European
200516Indonesian Literature	420213 Indonesian
200517Literature in Chinese	420211 Chinese
200518Literature in Japanese	420212 Japanese
200519South-East Asian Literature (excl. Indonesian)	420215pOther Asian
200520Indian Literature	420214 Indian
200521Korean Literature	420215pOther Asian
200522Other Asian Literature (excl. South-East Asian)	420215pOther Asian
200523Middle Eastern Literature	420215pOther Asian
	420299pLiterature Studies not elsewhere classified
200524Comparative Literature Studies	420216 Comparative Literature Studies
200525Literary Theory	420218 Literary Theory
200526Stylistics and Textual Analysis	420217 Textual Transmission and the Material Record
	420219 Stylistics
200599Literary Studies not elsewhere classified	420220 Folklore, Myth and Mythologies
	420299pLiterature Studies not elsewhere classified
<b>2099 OTHER LANGUAGE, COMMUNICATION AND CULTURE</b>	
209999Language, Communication and Culture not elsewhere classified	409999pOther Journalism, Librarianship and Curatorial Studies
	429999 Other Language and Culture
<b>21 HISTORY AND ARCHAEOLOGY</b>	
<b>2101 ARCHAEOLOGY</b>	
210101Aboriginal and Torres Strait Islander Archaeology	430201pArchaeology of Hunter-Gatherer Societies (incl. Pleistocene Archaeology)
	430299pArchaeology and Prehistory not elsewhere classified
210102Archaeological Science	430207 Archaeological Science
210103Archaeology of Asia, Africa and the	430201pArchaeology of Hunter-Gatherer Societies

Americas	(incl. Pleistocene Archaeology)
	430202pArchaeology of Agricultural and Pastoral Societies
	430204pArchaeology of Complex Societies: Asia, Africa, Oceania and the Americas
210104Archaeology of Australia (excl. Aboriginal and Torres Strait Islander)	430202pArchaeology of Agricultural and Pastoral Societies
	430204pArchaeology of Complex Societies: Asia, Africa, Oceania and the Americas
210105Archaeology of Europe, the Mediterranean and the Levant	430201pArchaeology of Hunter-Gatherer Societies (incl. Pleistocene Archaeology)
	430202pArchaeology of Agricultural and Pastoral Societies
	430203 Archaeology of Complex Societies: Europe, the Mediterranean and the Levant
210106Archaeology of New Guinea and Pacific Islands (excl. New Zealand)	430201pArchaeology of Hunter-Gatherer Societies (incl. Pleistocene Archaeology)
	430202pArchaeology of Agricultural and Pastoral Societies
	430204pArchaeology of Complex Societies: Asia, Africa, Oceania and the Americas
210107Archaeology of New Zealand (excl. Maori)	430202pArchaeology of Agricultural and Pastoral Societies
	430204pArchaeology of Complex Societies: Asia, Africa, Oceania and the Americas
210108Historical Archaeology (incl. Industrial Archaeology)	430205 Historical Archaeology (incl. Industrial Archaeology)
210109Maori Archaeology	430201pArchaeology of Hunter-Gatherer Societies (incl. Pleistocene Archaeology)
	430202pArchaeology of Agricultural and Pastoral Societies
	430204pArchaeology of Complex Societies: Asia, Africa, Oceania and the Americas
210110Maritime Archaeology	430206 Maritime Archaeology
210199Archaeology not elsewhere classified	430299pArchaeology and Prehistory not elsewhere classified
<b>2102 CURATORIAL AND RELATED STUDIES</b>	
210201Archival, Repository and Related Studies	400302 Archival Studies
	400399pCuratorial Studies not elsewhere classified
210202Heritage and Cultural Conservation	400399pCuratorial Studies not elsewhere classified
210203Materials Conservation	400303 Materials Conservation
210204Museum Studies	400301 Museum Studies
210299Curatorial and Related Studies not	400399pCuratorial Studies not elsewhere

elsewhere classified	classified
<b>2103 HISTORICAL STUDIES</b>	
210301Aboriginal and Torres Strait Islander History	430101pHistory: Australian
210302Asian History	430102 History: Asian
210303Australian History (excl. Aboriginal and Torres Strait Islander History)	430101pHistory: Australian
210304Biography	430112 Biography
210305British History	430107 History: British
210306Classical Greek and Roman History	430110 History: Classical Greek and Roman
210307European History (excl. British, Classical Greek and Roman)	430108 History: European
210308Latin American History	430105 History: Latin American
210309Maori History	430103pHistory: Pacific
210310Middle Eastern and African History	430106 History: African
	430109 History: Middle Eastern
210311New Zealand History	430103pHistory: Pacific
210312North American History	430104 History: North American
210313Pacific History (excl. New Zealand and Maori)	430103pHistory: Pacific
210399Historical Studies not elsewhere classified	430111pHistory: Other
	430199pHistorical Studies not elsewhere classified
<b>2199 OTHER HISTORY AND ARCHAEOLOGY</b>	
219999History and Archaeology not elsewhere classified	409999pOther Journalism, Librarianship and Curatorial Studies
	439999pOther History and Archaeology
<b>22 PHILOSOPHY AND RELIGIOUS STUDIES</b>	
<b>2201 APPLIED ETHICS</b>	
220101Bioethics (human and animal)	321213pHuman Bioethics
	440104pApplied Ethics (incl. Bioethics and Environmental Ethics)
220102Business Ethics	440104pApplied Ethics (incl. Bioethics and Environmental Ethics)
220103Ethical Use of New Technology (e.g. Nanotechnology, Biotechnology)	440104pApplied Ethics (incl. Bioethics and Environmental Ethics)
220104Human Rights and Justice Issues	390303pHuman Rights
	440104pApplied Ethics (incl. Bioethics and Environmental Ethics)
220105Legal Ethics	390204 Professional Ethics
220106Medical Ethics	321213pHuman Bioethics
220107Professional Ethics (incl. police and research ethics)	440104pApplied Ethics (incl. Bioethics and Environmental Ethics)
220199Applied Ethics not elsewhere classified	440104pApplied Ethics (incl. Bioethics and Environmental Ethics)
<b>2202 HISTORY AND PHILOSOPHY OF SPECIFIC FIELDS</b>	
220201Business and Labour History	430111pHistory: Other

	430199pHistorical Studies not elsewhere classified
	439999pOther History and Archaeology
220202History and Philosophy of Education	330102 History and Philosophy of Education
220203History and Philosophy of Engineering and Technology	370601pHistory and Philosophy of Science and Technology
220204History and Philosophy of Law and Justice	390113 Legal History
	399901 History and Philosophy of Law and Justice
220205History and Philosophy of Medicine	370603 History and Philosophy of Medicine
220206History and Philosophy of Science (incl. Non-historical Philosophy of Science)	370601pHistory and Philosophy of Science and Technology
220207History and Philosophy of the Humanities	430111pHistory: Other
	430199pHistorical Studies not elsewhere classified
	439999pOther History and Archaeology
	440199pPhilosophy not elsewhere classified
	449999pOther Philosophy and Religion
220208History and Philosophy of the Social Sciences	430111pHistory: Other
	430199pHistorical Studies not elsewhere classified
	439999pOther History and Archaeology
	440199pPhilosophy not elsewhere classified
	449999pOther Philosophy and Religion
220209History of Ideas	440105pHistory of Philosophy and History of Ideas
220210History of Philosophy	440105pHistory of Philosophy and History of Ideas
220299History and Philosophy of Specific Fields not elsewhere classified	370699 History and Philosophy of Science and Medicine not elsewhere classified
<b>2203 PHILOSOPHY</b>	
220301Aesthetics	440101 Aesthetics
220302Decision Theory	440199pPhilosophy not elsewhere classified
220303Environmental Philosophy	440104pApplied Ethics (incl. Bioethics and Environmental Ethics)
220304Epistemology	440102 Epistemology
220305Ethical Theory	440103 Ethical Theory
220306Feminist Theory	440199pPhilosophy not elsewhere classified
220307Hermeneutic and Critical Theory	440112 Hermeneutic Theory
220308Logic	440106 Logic
220309Metaphysics	440107 Metaphysics
220310Phenomenology	440111 Phenomenology
220311Philosophical Psychology (incl. Moral Psychology and Philosophy of Action)	440114 Philosophy of Action
220312Philosophy of Cognition	380301 Philosophy of Cognition
220313Philosophy of Language	440108 Philosophy of Language
220314Philosophy of Mind (excl. Cognition)	440109 Philosophy of Mind (excl. Cognition)
220315Philosophy of Religion	440209 Philosophy of Religion
220316Philosophy of Specific Cultures (incl. Comparative Philosophy)	440113 Comparative Philosophy

220317 Poststructuralism  
220318 Psychoanalytic Philosophy  
220319 Social Philosophy  
220399 Philosophy not elsewhere classified  
**2204 RELIGION AND RELIGIOUS STUDIES**  
220401 Christian Studies (incl. Biblical Studies and Church History)  
220402 Comparative Religious Studies  
  
220403 Islamic Studies  
220404 Jewish Studies  
220405 Religion and Society  
220406 Studies in Eastern Religious Traditions  
  
  
220407 Studies in Religious Traditions (excl. Eastern, Jewish, Christian and Islamic Traditions)  
220499 Religion and Religious Studies not elsewhere classified  
**2299 OTHER PHILOSOPHY AND RELIGIOUS STUDIES**  
229999 Philosophy and Religious Studies not elsewhere classified

440115 Philosophy of Specific Cultures (e.g. Ancient Greek, Chinese)  
440199p Philosophy not elsewhere classified  
440199p Philosophy not elsewhere classified  
440110 Social Philosophy  
440199p Philosophy not elsewhere classified  
  
440204 Christian Theology (incl. Biblical Studies and Church History)  
440299p Religion and Religious Traditions not elsewhere classified  
440205 Islamic Studies  
440203 Jewish Studies  
440207 Religion and Society  
440201 Hindu Studies  
440202 Buddhist Studies  
440299p Religion and Religious Traditions not elsewhere classified  
440206 Studies in Other Religious Traditions  
  
  
440299p Religion and Religious Traditions not elsewhere classified  
  
449999p Other Philosophy and Religion

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#### 610000 DEFENCE

##### 610100 DEFENCE

610101Navy

810103pCommand, Control and Communications

810105pIntelligence

810106pLogistics

810108 Navy

810109pPersonnel

610102Army

810102 Army

810103pCommand, Control and Communications

810105pIntelligence

810106pLogistics

810109pPersonnel

610103Air Force

810101 Air Force

810103pCommand, Control and Communications

810105pIntelligence

810106pLogistics

810109pPersonnel

610104Combined Operations

810103pCommand, Control and Communications

810104pEmerging Defence Technologies

810105pIntelligence

810106pLogistics

810107pNational Security

610199Other	810109pPersonnel
	810103pCommand, Control and Communications
	810104pEmerging Defence Technologies
	810105pIntelligence
	810106pLogistics
	810107pNational Security
	810109pPersonnel
	810199 Defence not elsewhere classified
<b>620000 PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS</b>	
<b>620100 FIELD CROPS</b>	
620101Wheat	820507 Wheat
620102Barley	820501 Barley
620103Rice	820402 Rice
620104Other Cereals	820401 Maize
	820404 Sorghum
	820506 Oats
620105Oilseeds	820403 Safflower Seed
	820405 Soybeans
	820502 Canola
	820504 Linseed
620106Sugar	820304 Sugar
620107Cotton	820301 Cotton
620108Grain Legumes	820503 Grain Legumes
620199Field Crops not elsewhere classified	820302 Essential Oil Crops (e.g. Tea Tree, Eucalyptus, Lavender, Peppermint, Boronia, Sandalwood)
	820303 Plant Extract Crops (e.g. Pyrethrum, Jojoba)
	820305 Tobacco
	820399 Industrial Crops not elsewhere classified
	820499 Summer Grains and Oilseeds not elsewhere classified
	820505 Lupins
	820599 Winter Grains and Oilseeds not elsewhere classified
	829902pPlant Product Traceability and Quality Assurance (excl. Forest Products)
	829999pPlant Production and Plant Primary Products not elsewhere classified
<b>620200 HORTICULTURAL CROPS</b>	
620201Stone Fruit	820211 Stone Fruit
620202Pome Fruit	820210 Pome Fruit, Pip Fruit
620203Citrus	820203 Citrus Fruit
620204Grapes	820212 Table Grapes
	820306 Wine Grapes
620205Tropical Fruit	820214 Tropical Fruit
620206Berry Fruit	820202 Berry Fruit (excl. Kiwifruit)
	820205 Kiwifruit
620207Tree Nuts	820201 Almonds

	820206 Macadamias
	820213 Tree Nuts (excl. Almonds and Macadamias)
620208Vegetables	820215 Vegetables
620209Ornamentals, Australian Natives and Nursery Plants	820209pOrnamentals, Natives, Flowers and Nursery Plants
620299Horticultural Crops not elsewhere classified	820204 Hops
	820207 Mushrooms and Truffles
	820208 Olives
	820209pOrnamentals, Natives, Flowers and Nursery Plants
	820299 Horticultural Crops not elsewhere classified
	829902pPlant Product Traceability and Quality Assurance (excl. Forest Products)
	829999pPlant Production and Plant Primary Products not elsewhere classified
<b>620300 FORESTRY</b>	
620301Native Forests	820104 Native Forests
620302Softwood Plantations	820105 Softwood Plantations
620303Hardwood Plantations	820101 Hardwood Plantations
620304Harvesting and Transport of Forest Products	820102 Harvesting and Transport of Forest Products
620305Integration of Farm and Forestry	820103 Integration of Farm and Forestry
620399Forestry not elsewhere classified	820199 Forestry not elsewhere classified
	829901pForest Product Traceability and Quality Assurance
	829999pPlant Production and Plant Primary Products not elsewhere classified
<b>620400 PRIMARY PRODUCTS FROM PLANTS</b>	
620401Fresh Fruit and Vegetables (Post Harvest)	820602 Fresh Fruits and Vegetables (Post Harvest)
620402Unprocessed Cereals	820605 Unprocessed Grains
	820607 Unprocessed Oilseeds
620403Tobacco Leaf	820604 Tobacco Leaf
620404Cotton Lint and Cotton Seed	820601 Cotton Lint and Cotton Seed
620499Primary Plant Products not elsewhere classified	820603 Sugar Cane (Cut for Crushing)
	820606 Unprocessed Industrial Crops (excl. Sugar, Tobacco and Cotton)
	820699 Harvesting and Packing of Plant Products not elsewhere classified
	829901pForest Product Traceability and Quality Assurance
	829902pPlant Product Traceability and Quality Assurance (excl. Forest Products)
	829999pPlant Production and Plant Primary Products not elsewhere classified

## 620500 SUSTAINABLE PLANT

## PRODUCTION SYSTEMS

### 620501 Field Crops

- 829801pManagement of Gaseous Waste from Plant Production (excl. Greenhouse Gases)
- 829802pManagement of Greenhouse Gas Emissions from Plant Production
- 829803pManagement of Liquid Waste from Plant Production (excl. Water)
- 829804pManagement of Solid Waste from Plant Production
- 829805pManagement of Water Consumption by Plant Production
- 829899pEnvironmentally Sustainable Plant Production not elsewhere classified
- 960403pControl of Animal Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments
- 960413pControl of Plant Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments
- 961402pFarmland, Arable Cropland and Permanent Cropland Soils

### 620502 Horticultural Crops

- 829801pManagement of Gaseous Waste from Plant Production (excl. Greenhouse Gases)
- 829802pManagement of Greenhouse Gas Emissions from Plant Production
- 829803pManagement of Liquid Waste from Plant Production (excl. Water)
- 829804pManagement of Solid Waste from Plant Production
- 829805pManagement of Water Consumption by Plant Production
- 829899pEnvironmentally Sustainable Plant Production not elsewhere classified
- 960403pControl of Animal Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments
- 960413pControl of Plant Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments
- 961402pFarmland, Arable Cropland and Permanent Cropland Soils

### 620503 Forestry

- 829801pManagement of Gaseous Waste from Plant Production (excl. Greenhouse Gases)
- 829802pManagement of Greenhouse Gas Emissions from Plant Production
- 829803pManagement of Liquid Waste from Plant Production (excl. Water)
- 829804pManagement of Solid Waste from Plant Production

	829805p	Management of Water Consumption by Plant Production	
	829899p	Environmentally Sustainable Plant Production not elsewhere classified	
	960404p	Control of Animal Pests, Diseases and Exotic Species in Forest and Woodlands Environments	
	960414p	Control of Plant Pests, Diseases and Exotic Species in Forest and Woodlands Environments	
	961403p	Forest and Woodlands Soils	
620504	Primary Products from Plants	829801p	Management of Gaseous Waste from Plant Production (excl. Greenhouse Gases)
		829802p	Management of Greenhouse Gas Emissions from Plant Production
		829803p	Management of Liquid Waste from Plant Production (excl. Water)
		829804p	Management of Solid Waste from Plant Production
		829805p	Management of Water Consumption by Plant Production
		829899p	Environmentally Sustainable Plant Production not elsewhere classified

## **630000 ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS**

### **630100 LIVESTOCK**

630101	Sheep - Meat	830310	Sheep - Meat
630102	Sheep - Wool	830311	Sheep - Wool
630103	Beef Cattle	830301	Beef Cattle
630104	Dairy Cattle	830302	Dairy Cattle
630105	Pigs	830308	Pigs
630106	Poultry	830309	Poultry
630107	Minor Livestock (e.g. Horses, Goats, Deer)	830303	Deer
		830304	Goats
		830305p	Game Livestock (e.g. Kangaroos, Wallabies, Camels, Buffaloes, Possums)
		830306	Horses
		830307	Minor Livestock (e.g. Alpacas, Ostriches, Crocodiles, Farmed Rabbits)
630199	Livestock not elsewhere classified	830305p	Game Livestock (e.g. Kangaroos, Wallabies, Camels, Buffaloes, Possums)
		830399	Livestock Raising not elsewhere classified
		839901p	Animal Welfare
		839903p	Livestock Product Traceability and Quality Assurance
		839999p	Animal Production and Animal Primary Products not elsewhere classified

### **630200 PASTURE, BROWSE AND FODDER CROPS**

630201	Sown Legumes	830402	Lucerne
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	830499p	Pasture, Browse and Fodder Crops not elsewhere classified	
630202	Sown Grasses	830406 Sown Pastures (excl. Lucerne)	
630203	Browse Crops	830401 Browse Crops	
630204	Fodder Crops	830404 Non-Cereal Crops for Hay	
		830405 Non-Cereal Crops for Silage/Green Feed	
630205	Native Vegetation	830403 Native and Residual Pastures	
		830499p	Pasture, Browse and Fodder Crops not elsewhere classified
630299	Other	830499p	Pasture, Browse and Fodder Crops not elsewhere classified
		839999p	Animal Production and Animal Primary Products not elsewhere classified
<b>630300 FISH</b>			
630301	Fisheries - Commercial	830202	Wild Caught Crustaceans (excl. Rock Lobster and Prawns)
		830203	Wild Caught Edible Molluscs
		830204	Wild Caught Fin Fish (excl. Tuna)
		830205	Wild Caught Prawns
		830206	Wild Caught Rock Lobster
		830207	Wild Caught Tuna
		830299p	Fisheries - Wild Caught not elsewhere classified
630302	Fisheries - Recreational	830201	Fisheries - Recreational
630303	Aquaculture	830101	Aquaculture Crustaceans (excl. Rock Lobster and Prawns)
		830102	Aquaculture Fin Fish (excl. Tuna)
		830103	Aquaculture Molluscs (excl. Oysters)
		830104	Aquaculture Oysters
		830105	Aquaculture Prawns
		830106	Aquaculture Rock Lobster
		830107	Aquaculture Tuna
		830199	Fisheries - Aquaculture not elsewhere classified
630399	Fish not elsewhere classified	830299p	Fisheries - Wild Caught not elsewhere classified
		839901p	Animal Welfare
		839902p	Fish Product Traceability and Quality Assurance
		839999p	Animal Production and Animal Primary Products not elsewhere classified
<b>630400 PRIMARY PRODUCTS FROM ANIMALS</b>			
630401	Minimally Processed Fish	830506p	Unprocessed or Minimally Processed Fish
630402	Minimally Processed Milk	830507p	Unprocessed or Minimally Processed Milk
630403	Raw Wool	830505	Raw Wool
630404	Hides and skins	830599p	Primary Animal Products not elsewhere classified
630499	Primary Animal Products not elsewhere classified	830501	Eggs
		830502	Honey

	830503 Live Animals
	830504 Pearls
	830506pUnprocessed or Minimally Processed Fish
	830507pUnprocessed or Minimally Processed Milk
	830599pPrimary Animal Products not elsewhere classified
	839901pAnimal Welfare
	839902pFish Product Traceability and Quality Assurance
	839903pLivestock Product Traceability and Quality Assurance
	839999pAnimal Production and Animal Primary Products not elsewhere classified
<b>630500 SUSTAINABLE ANIMAL PRODUCTION SYSTEMS</b>	
630501Livestock	839801pManagement of Gaseous Waste from Animal Production (excl. Greenhouse Gases) 839802pManagement of Greenhouse Gas Emissions from Animal Production 839803pManagement of Liquid Waste from Animal Production (excl. Water) 839804pManagement of Solid Waste from Animal Production 839805pManagement of Water Consumption by Animal Production 839899pEnvironmentally Sustainable Animal Production not elsewhere classified 960403pControl of Animal Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments 960410pControl of Pests, Diseases and Exotic Species in Sparseland, Permanent Grassland and Arid Zone Environments 960413pControl of Plant Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments
630502Pasture, Browse and Fodder Crops	839801pManagement of Gaseous Waste from Animal Production (excl. Greenhouse Gases) 839802pManagement of Greenhouse Gas Emissions from Animal Production 839803pManagement of Liquid Waste from Animal Production (excl. Water) 839804pManagement of Solid Waste from Animal Production 839805pManagement of Water Consumption by Animal Production 839899pEnvironmentally Sustainable Animal Production not elsewhere classified 960403pControl of Animal Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments

630503Fish	960410pControl of Pests, Diseases and Exotic Species in Sparseland, Permanent Grassland and Arid Zone Environments
	960413pControl of Plant Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments
	839801pManagement of Gaseous Waste from Animal Production (excl. Greenhouse Gases)
	839802pManagement of Greenhouse Gas Emissions from Animal Production
	839803pManagement of Liquid Waste from Animal Production (excl. Water)
	839804pManagement of Solid Waste from Animal Production
	839805pManagement of Water Consumption by Animal Production
	839899pEnvironmentally Sustainable Animal Production not elsewhere classified
	960402pControl of Animal Pests, Diseases and Exotic Species in Coastal and Estuarine Environments
	960407pControl of Pests, Diseases and Exotic Species in Marine Environments
630504Primary Products from Animals	960412pControl of Plant Pests, Diseases and Exotic Species in Coastal and Estuarine Environments
	839801pManagement of Gaseous Waste from Animal Production (excl. Greenhouse Gases)
	839802pManagement of Greenhouse Gas Emissions from Animal Production
	839803pManagement of Liquid Waste from Animal Production (excl. Water)
	839804pManagement of Solid Waste from Animal Production
	839805pManagement of Water Consumption by Animal Production
	839899pEnvironmentally Sustainable Animal Production not elsewhere classified

## **640000 MINERAL RESOURCES (EXCL. ENERGY)**

### **640100 EXPLORATION**

640101Iron Ores (i.e. Ferrous Ores)	840104 Iron Ore Exploration
640102Aluminium Ores	840101 Aluminium Ore Exploration
640103Precious (Noble) Metal Ores	840105 Precious (Noble) Metal Ore Exploration
640104Titanium Minerals, Zircon, and Rare Earth Metal Ores (e.g. Monazite)	840107 Titanium Minerals, Zircon, and Rare Earth Metal Ore (e.g. Monazite) Exploration
640105Other Non-Ferrous Ores (e.g. Copper, Zinc)	840102 Copper Ore Exploration
	840108 Zinc Ore Exploration
	840199pMineral Exploration not elsewhere classified

	849999pMineral Resources (excl. Energy Resources) not elsewhere classified
640106Stone and Clay	840106 Stone and Clay Exploration
640199Other Non-Metallic Minerals (incl. Diamonds)	840103 Diamond Exploration
	840199pMineral Exploration not elsewhere classified
	849999pMineral Resources (excl. Energy Resources) not elsewhere classified
<b>640200 PRIMARY MINING AND EXTRACTION PROCESSES</b>	
640201Iron Ores (i.e. Ferrous Ores)	840204 Mining and Extraction of Iron Ores
640202Aluminium Ores	840201 Mining and Extraction of Aluminium Ores
640203Precious (Noble) Metal Ores	840205 Mining and Extraction of Precious (Noble) Metal Ores
640204Titanium Minerals, Zircon, and Rare Earth Metal Ores (e.g. Monazite)	840207 Mining and Extraction of Titanium Minerals, Zircon, and Rare Earth Metal Ores (e.g. Monazite)
640205Other Non-Ferrous Ores (e.g. Copper, Zinc)	840202 Mining and Extraction of Copper Ores
	840208 Mining and Extraction of Zinc Ores
	840299pPrimary Mining and Extraction of Mineral Resources not elsewhere classified
	849999pMineral Resources (excl. Energy Resources) not elsewhere classified
640206Stone and Clay	840206 Mining and Extraction of Stone and Clay
640299Other Non-Metallic Minerals (incl. Diamonds)	840203 Mining and Extraction of Diamonds
	840299pPrimary Mining and Extraction of Mineral Resources not elsewhere classified
	849999pMineral Resources (excl. Energy Resources) not elsewhere classified
<b>640300 FIRST STAGE TREATMENT OF ORES AND MINERALS</b>	
640301Beneficiation or Dressing of Iron Ores	840303 Beneficiation or Dressing of Iron Ores
640302Alumina Production	840301 Alumina Production
640303Other Beneficiation of Bauxite and Aluminium Ores	840302 Beneficiation of Bauxite and Aluminium Ores (excl. Alumina Production)
640304Concentrating Processes of Other Base Metal Ores	840305 Concentrating Processes of Base Metal Ores (excl. Aluminium and Iron Ores)
640305Production of Unrefined Precious Metal Ingots and Concentrates	840306 Production of Unrefined Precious Metal Ingots and Concentrates
640306Beneficiation or Dressing of Non-Metallic Minerals (incl. Diamonds)	840304 Beneficiation or Dressing of Non-Metallic Minerals (incl. Diamonds)
640399Other	840399 First Stage Treatment of Ores and Minerals not elsewhere classified
	849999pMineral Resources (excl. Energy Resources) not elsewhere classified

**640400 PREVENTION AND TREATMENT OF  
POLLUTION**

640401	Exploration	849801p	Management of Gaseous Waste From Mineral Resource Activities (excl. Greenhouse Gases)
		849802p	Management of Greenhouse Gas Emissions from Mineral Resource Activities
		849803p	Management of Liquid Waste from Mineral Resource Activities (excl. Water)
		849804p	Management of Solid Waste from Mineral Resource Activities
		849805p	Management of Water Consumption by Mineral Resource Activities
		849899p	Environmentally Sustainable Mineral Resource Activities not elsewhere classified
640402	Primary Mining and Extraction Processes	849801p	Management of Gaseous Waste From Mineral Resource Activities (excl. Greenhouse Gases)
		849802p	Management of Greenhouse Gas Emissions from Mineral Resource Activities
		849803p	Management of Liquid Waste from Mineral Resource Activities (excl. Water)
		849804p	Management of Solid Waste from Mineral Resource Activities
		849805p	Management of Water Consumption by Mineral Resource Activities
		849899p	Environmentally Sustainable Mineral Resource Activities not elsewhere classified
640403	First Stage Treatment of Ores and Minerals	849801p	Management of Gaseous Waste From Mineral Resource Activities (excl. Greenhouse Gases)
		849802p	Management of Greenhouse Gas Emissions from Mineral Resource Activities
		849803p	Management of Liquid Waste from Mineral Resource Activities (excl. Water)
		849804p	Management of Solid Waste from Mineral Resource Activities
		849805p	Management of Water Consumption by Mineral Resource Activities
		849899p	Environmentally Sustainable Mineral Resource Activities not elsewhere classified

**650000 ENERGY RESOURCES**

**650100 EXPLORATION**

650101	Uranium	850105	Uranium Exploration
650102	Coal	850101	Coal Exploration
650103	Oil and Gas	850103	Oil and Gas Exploration
650104	Oil Shale and Tar Sands	850104	Oil Shale and Tar Sands Exploration
650199	Other	850102	Geothermal Exploration
		850199	Energy Exploration not elsewhere classified

**650200 MINING AND EXTRACTION**

650201 Uranium

650202 Coal

650203 Oil and Gas

650204 Oil Shale and Tar Sands

650299 Other

850205 Uranium Mining and Extraction

850201 Coal Mining and Extraction

850203 Oil and Gas Extraction

850204 Oil Shale and Tar Sands Mining and Extraction

850202 Geothermal Energy Extraction

850299 Mining and Extraction of Energy Resources not elsewhere classified

**650300 PREPARATION AND SUPPLY OF ENERGY SOURCE MINERALS**

650301 Uranium

650302 Coal

650303 Oil and Gas

650304 Oil Shale and Tar Sands

650399 Energy Minerals not elsewhere classified

850308 Preparation of Uranium

850305 Preparation of Black Coal

850306 Preparation of Brown Coal (Lignite)

850304p Oil and Gas Refining

850307 Preparation of Oil Shale and Tar Sands

850399 Preparation and Production of Energy Sources not elsewhere classified

**650400 PREVENTION AND TREATMENT OF POLLUTION**

650401 Exploration

859801p Management of Gaseous Waste from Energy Activities (excl. Greenhouse Gases)

859803p Management of Greenhouse Gas Emissions from Energy Activities (excl. Electricity Generation)

859804p Management of Liquid Waste from Energy Activities (excl. Water)

859805p Management of Solid Waste from Energy Activities

859806p Management of Water Consumption by Energy Activities

859899p Environmentally Sustainable Energy Activities not elsewhere classified

650402 Mining and Extraction

859801p Management of Gaseous Waste from Energy Activities (excl. Greenhouse Gases)

859803p Management of Greenhouse Gas Emissions from Energy Activities (excl. Electricity Generation)

859804p Management of Liquid Waste from Energy Activities (excl. Water)

859805p Management of Solid Waste from Energy Activities

859806p Management of Water Consumption by Energy Activities

859899p Environmentally Sustainable Energy Activities not elsewhere classified

650403 Preparation and Supply of Energy

859801p Management of Gaseous Waste from Energy

Source Minerals	Activities (excl. Greenhouse Gases)
	859803pManagement of Greenhouse Gas Emissions from Energy Activities (excl. Electricity Generation)
	859804pManagement of Liquid Waste from Energy Activities (excl. Water)
	859805pManagement of Solid Waste from Energy Activities
	859806pManagement of Water Consumption by Energy Activities
	859899pEnvironmentally Sustainable Energy Activities not elsewhere classified
<b>659900 OTHER</b>	
659999Other (e.g. Safety)	850301 Hydrogen Production from Fossil Fuels
	850302 Hydrogen Production from Nuclear Energy
	850303 Hydrogen Production from Renewable Energy
	850309 Production of Biofuels (Biomass)
	859999pEnergy not elsewhere classified
<b>660000 ENERGY SUPPLY</b>	
<b>660100 ENERGY TRANSFORMATION</b>	
660101Coal - Electricity	850405 Transformation of Black Coal into Electricity
	850406 Transformation of Brown Coal (Lignite) into Electricity
660102Coal - Conversion to Liquids	850408 Transformation of Coal into Liquid Fuels
660103Coal - Other Purposes	850407 Transformation of Coal into Gaseous Fuels
	850499pEnergy Transformation not elsewhere classified
660104Nuclear	850403 Nuclear Energy
660105Refined Oil and Gas	850304pOil and Gas Refining
	850409 Transformation of Gas into Electricity
660106Gas - Conversion to Liquid Fuels	850410 Transformation of Gas into Liquid Fuels
660107Oil Shale and Tar Sands - Conversion to Liquid Fuels	850499pEnergy Transformation not elsewhere classified
660199Energy Transformation not elsewhere classified	850401 Fuel Cells (excl. Solid Oxide)
	850402 Hydrogen-based Energy Systems (incl. Internal Hydrogen Combustion Engines)
	850404 Solid Oxide Fuel Cells
	850499pEnergy Transformation not elsewhere classified
<b>660200 RENEWABLE ENERGY</b>	
660201Hydro-Electric	850503 Hydro-Electric Energy
660202Wind	850509 Wind Energy
660203Ocean	850507 Tidal Energy
	850508 Wave Energy
660204Solar-Thermal	850506 Solar-Thermal Energy

660205Solar-Photoelectric	850504Solar-Photovoltaic Energy
660206Solar-Thermal Electric	850505Solar-Thermal Electric Energy
660299Renewable Energy not elsewhere classified (e.g. Geothermal)	850501Biofuel (Biomass) Energy
	850502Geothermal Energy
	850599Renewable Energy not elsewhere classified
<b>660300 ENERGY STORAGE AND DISTRIBUTION</b>	
660301Electricity Transmission	850604pEnergy Transmission and Distribution (excl. Hydrogen)
660302Gas Distribution	850604pEnergy Transmission and Distribution (excl. Hydrogen)
660303Energy Storage	850602Energy Storage (excl. Hydrogen)
	850606Hydrogen Storage
660304Energy Systems Analysis	850603Energy Systems Analysis
660399Energy Distribution not elsewhere classified	850605Hydrogen Distribution
	850699Energy Storage, Distribution and Supply not elsewhere classified
<b>660400 CONSERVATION AND EFFICIENCY</b>	
660401Industry	850703Industrial Energy Conservation and Efficiency
660402Residential and Commercial	850701Commercial Energy Conservation and Efficiency
	850704Residential Energy Conservation and Efficiency
660403Transport	850702Energy Conservation and Efficiency in Transport
660499Other	850799Energy Conservation and Efficiency not elsewhere classified
<b>660500 PREVENTION AND TREATMENT OF POLLUTION</b>	
660501Energy Transformation	859801pManagement of Gaseous Waste from Energy Activities (excl. Greenhouse Gases)
	859802pManagement of Greenhouse Gas Emissions from Electricity Generation
	859804pManagement of Liquid Waste from Energy Activities (excl. Water)
	859805pManagement of Solid Waste from Energy Activities
	859806pManagement of Water Consumption by Energy Activities
	859899pEnvironmentally Sustainable Energy Activities not elsewhere classified
660502Renewable Energy	859801pManagement of Gaseous Waste from Energy Activities (excl. Greenhouse Gases)
	859802pManagement of Greenhouse Gas Emissions

	from Electricity Generation
	859804pManagement of Liquid Waste from Energy Activities (excl. Water)
	859805pManagement of Solid Waste from Energy Activities
	859806pManagement of Water Consumption by Energy Activities
	859899pEnvironmentally Sustainable Energy Activities not elsewhere classified
660503Energy Storage and Distribution	859801pManagement of Gaseous Waste from Energy Activities (excl. Greenhouse Gases)
	859803pManagement of Greenhouse Gas Emissions from Energy Activities (excl. Electricity Generation)
	859804pManagement of Liquid Waste from Energy Activities (excl. Water)
	859805pManagement of Solid Waste from Energy Activities
	859806pManagement of Water Consumption by Energy Activities
	859899pEnvironmentally Sustainable Energy Activities not elsewhere classified
660504Conservation and Efficiency	859801pManagement of Gaseous Waste from Energy Activities (excl. Greenhouse Gases)
	859803pManagement of Greenhouse Gas Emissions from Energy Activities (excl. Electricity Generation)
	859804pManagement of Liquid Waste from Energy Activities (excl. Water)
	859805pManagement of Solid Waste from Energy Activities
	859806pManagement of Water Consumption by Energy Activities
	859899pEnvironmentally Sustainable Energy Activities not elsewhere classified
<b>669900 OTHER</b>	
669999Other	859999pEnergy not elsewhere classified
<b>670000 MANUFACTURING</b>	
<b>670100 PROCESSED FOOD PRODUCTS AND BEVERAGES</b>	
670101Carcass Meat	860103 Carcass Meat (incl. Fish and Seafood)
670102Meat Products	860109 Processed Meat Products
670103Fish Products	860107 Processed Fish and Seafood Products
670104Fruit and Vegetable Products (incl. Fruit Juices)	860108 Processed Fruit and Vegetable Products (incl. Fruit Juices)
670105Dairy Products	860201 Butter and Milk-Derived Fats and Oils (excl.

	Cream)
	860202 Casein
	860203 Cheese
	860204 Processed Milk and Cream (incl. Powder, Evaporated and Condensed)
	860205 Whey
	860299 Dairy Products not elsewhere classified
670106Oils and Fats (incl. Margarines)	860106 Oils and Fats (incl. Margarines)
670107Grain Mill Products, Starch and Starch Products (incl. Sugar, Bakery Products)	860101 Bakery Products
	860104 Flour Mill and Cereal Food
	860111 Sugar and Confectionery Products
670108Beverages (e.g. Alcohol, Wines, Soft Drinks, excl. Fruit Juices)	860102 Beverages (excl. Fruit Juices)
670199Processed Food Products and Beverages not elsewhere classified	860105 Nutraceuticals and Functional foods
	860110 Soy Products
	860199 Processed Food Products and Beverages (excl. Dairy Products) not elsewhere classified
<b>670200 FIBRE PROCESSING AND TEXTILES; FOOTWEAR AND LEATHER PRODUCTS</b>	
670201Cotton Ginning	860402 Cotton Ginning
670202Wool Scouring and Top Making	860407 Wool Scouring and Top Making
670203Natural Fibres, Yarns and Fabrics	860403 Natural Fibres, Yarns and Fabrics
670204Synthetic Fibres, Yarns and Fabrics	860406 Synthetic Fibres, Yarns and Fabrics
670205Other Fibre Processing and Textiles	860404 Non-Fabric Textiles (e.g. Felt)
	860499pLeather Products, Fibre Processing and Textiles not elsewhere classified
670206Processed Skins, Leather and Leather Products not elsewhere classified	860405 Processed Skins, Leather and Leather Products
670207Clothing	860401 Clothing
670208Footwear	860499pLeather Products, Fibre Processing and Textiles not elsewhere classified
670299Other	860499pLeather Products, Fibre Processing and Textiles not elsewhere classified
<b>670300 WOOD, WOOD PRODUCTS AND PAPER</b>	
670301Hardwood Sawing and Veneer	860505pWood Sawing and Veneer
670302Softwood Sawing and Veneer	860505pWood Sawing and Veneer
670303Pulp and Paper	860503 Pulp and Paper
670304Reconstituted Timber Products (e.g. Chipboard, Particleboard)	860504 Reconstituted Timber Products (e.g. Chipboard, Particleboard)
670305Woodchips	860599pWood, Wood Products and Paper not elsewhere classified
670306Wood Products not elsewhere	860599pWood, Wood Products and Paper not

classified  
670307Paper Products  
670308Printing and Publishing Processes  
670399Other

elsewhere classified  
860501pPaper Products (incl. Coated Paper)  
860502 Printing and Publishing Processes  
860501pPaper Products (incl. Coated Paper)  
860599pWood, Wood Products and Paper not  
elsewhere classified

**670400 HUMAN PHARMACEUTICAL  
PRODUCTS**

670401Prevention - Biologicals (e.g. Vaccines)	860801 Human Biological Preventatives (e.g. Vaccines)
670402Diagnostics	860802 Human Diagnostics
670403Treatments (e.g. Chemicals, Antibiotics)	860803 Human Pharmaceutical Treatments (e.g. Antibiotics)
670499Other	860899 Human Pharmaceutical Products not elsewhere classified

**670500 VETERINARY PHARMACEUTICAL  
PRODUCTS**

670501Prevention - Biologicals (e.g. Vaccines)	860901 Veterinary Biological Preventatives (e.g. Vaccines)
670502Diagnostics	860902 Veterinary Diagnostics
670503Treatments (e.g. Chemicals, Antibiotics)	860903 Veterinary Pharmaceutical Treatments (e.g. Antibiotics)
670599Other (incl. Production Enhancement)	860999 Veterinary Pharmaceutical Products not elsewhere classified

**670600 AGRICULTURAL CHEMICALS**

670601Chemical Fertilisers	860702 Chemical Fertilisers
670602Crop and Animal Protection Chemicals	860701 Animal Protection Chemicals
	860703 Crop Protection Chemicals
670699Agricultural Chemicals not elsewhere classified	860799 Agricultural Chemicals not elsewhere classified

**670700 INDUSTRIAL CHEMICALS AND  
RELATED PRODUCTS**

670701Industrial Gases	860601 Industrial Gases
670702Synthetic Resins and Rubber	860608pRubber and Synthetic Resins
670703Rubber Products	860608pRubber and Synthetic Resins
670704Plastics in Primary Forms	860606 Plastics in Primary Forms
670705Plastic Products (incl. Construction Materials)	860607 Plastic Products (incl. Construction Materials)
670706Organic Industrial Chemicals not elsewhere classified	860604 Organic Industrial Chemicals (excl. Resins, Rubber and Plastics)
670707Inorganic Industrial Chemicals	860602 Inorganic Industrial Chemicals
670708Paints	860605 Paints
670709Soaps and Cosmetics	860609 Soaps and Cosmetics
670710Bituminous Products	860699pIndustrial Chemicals and Related Products not elsewhere classified
670711Lubricants	860603 Lubricants

670799Other	860699pIndustrial Chemicals and Related Products not elsewhere classified
<b>670800 BASIC METAL PRODUCTS (INCL. SMELTING)</b>	
670801Iron and Steel (e.g. Ingots, Bars, Rods, Shapes and Sections)	861103 Basic Iron and Steel Products
670802Aluminium	861101 Basic Aluminium Products
670803Precious Metals (e.g. Refined Bullion, Wire and Strip)	861104 Basic Precious Metal Products
670899Other Non-Ferrous Metals (e.g. Copper, Zinc)	861102 Basic Copper Products
	861105 Basic Zinc Products
	861199 Basic Metal Products (incl. Smelting, Rolling, Drawing and Extruding) not elsewhere classified
<b>670900 CERAMICS, GLASS AND INDUSTRIAL MINERAL PRODUCTS</b>	
670901Ceramics	861002 Ceramics
670902Structural Glass and Glass Products	861005 Structural Glass and Glass Products
670903Clay Products	861003 Clay Products
670904Cement and Concrete Materials	861001 Cement Products and Concrete Materials
670999Ceramics, Glass and Industrial Mineral Products not elsewhere classified	861004 Plaster and Plaster Products
	861099 Ceramics, Glass and Industrial Mineral Products not elsewhere classified
<b>671000 FABRICATED METAL PRODUCTS</b>	
671001Structural Metal Products	861206 Structural Metal Products
671002Sheet Metal Products	861205 Sheet Metal Products
671003Semi-Finished Metal Products	861204 Semi-Finished Metal Products
671004Castings	861203 Metal Castings
671005Machined Products	861202 Machined Metal Products
671099Fabricated Metal Products not elsewhere classified	861201 Coated Metal and Metal-Coated Products
	861299 Fabricated Metal Products not elsewhere classified
<b>671100 TRANSPORT EQUIPMENT</b>	
671101Automotive Equipment	861302 Automotive Equipment
671102Rail Equipment	861304 Rail Equipment
671103Nautical Equipment	861303 Nautical Equipment (excl. Yachts)
	861305 Yachts
671104Aerospace Equipment	861301 Aerospace Equipment
671199Transport Equipment not elsewhere classified	861399 Transport Equipment not elsewhere classified
<b>671200 COMPUTER HARDWARE AND ELECTRONIC EQUIPMENT</b>	
671201Integrated Circuits and Devices	861603 Integrated Circuits and Devices

671202Modules - Special and Attached Processors  
671203Modules - Other Processes  
671204Electronic Office Equipment  
671205Computer Equipment  
671206Integrated Systems  
671299Computer Hardware and Electronic Equipment not elsewhere classified

#### **671300 COMMUNICATION EQUIPMENT**

671301Broadcasting Equipment  
  
671302Postal Equipment  
  
671303Voice Equipment  
671304Data, Image and Text Equipment  
671305Network Transmission Equipment  
671306Network Switching Equipment  
671399Communication Equipment not elsewhere classified

#### **671400 INSTRUMENTATION**

671401Scientific Instrumentation  
671402Medical Instrumentation  
671403Industrial Instrumentation  
671404Photographic Equipment  
671499Instrumentation not elsewhere classified

#### **671500 MACHINERY AND EQUIPMENT**

671501Agricultural Machinery and Equipment  
671502Mining Machinery and Equipment  
671503Appliances and Electrical Machinery and Equipment  
671504Industrial Machinery and Equipment  
671505Construction Machinery and Equipment  
671599Machinery and Equipment not elsewhere classified

#### **671600 OTHER MANUFACTURED PRODUCTS**

671601Tobacco Products

861605pProcessor Modules

861605pProcessor Modules  
861601pComputer and Electronic Office Equipment  
861601pComputer and Electronic Office Equipment  
861604 Integrated Systems  
861602 Consumer Electronic Equipment (excl. Communication Equipment)  
861606 Satellite Navigation Equipment  
861699 Computer Hardware and Electronic Equipment not elsewhere classified

861799pCommunication Equipment not elsewhere classified  
861799pCommunication Equipment not elsewhere classified  
861703pVoice and Data Equipment  
861703pVoice and Data Equipment  
861701pNetwork Infrastructure Equipment  
861701pNetwork Infrastructure Equipment  
861702 Telemetry Equipment  
  
861799pCommunication Equipment not elsewhere classified

861503 Scientific Instruments  
861502 Medical Instruments  
861501 Industrial Instruments  
861599pInstrumentation not elsewhere classified  
861599pInstrumentation not elsewhere classified

861401 Agricultural Machinery and Equipment  
861404 Mining Machinery and Equipment  
861402 Appliances and Electrical Machinery and Equipment  
861403 Industrial Machinery and Equipment  
861499pMachinery and Equipment not elsewhere classified  
861499pMachinery and Equipment not elsewhere classified

860399pProcessed Non-Food Agricultural Products (excl. Wood, Paper and Fibre) not elsewhere classified

671602Furniture  
671603Prefabricated Buildings  
671699Manufactured Products not  
elsewhere classified

869901 Furniture  
869999pManufacturing not elsewhere classified  
860301 Essential Oils (e.g. Tea Tree, Eucalyptus,  
Lavender, Peppermint, Boronia, Sandalwood)  
860302 Organic Fertilisers  
860303 Plant Extracts (e.g. Pyrethrum, Alkaloids, Jojoba  
Oil)  
860304 Prepared Animal Feed  
860399pProcessed Non-Food Agricultural Products (excl.  
Wood, Paper and Fibre) not elsewhere classified  
869999pManufacturing not elsewhere classified

**671700 PREVENTION AND TREATMENT  
OF POLLUTION**

671701Processed Food Products and  
Beverages

869801pManagement of Gaseous Waste from  
Manufacturing Activities (excl. Greenhouse  
Gases)  
869802pManagement of Greenhouse Gas Emissions  
from Manufacturing Activities  
869803pManagement of Liquid Waste from Manufacturing  
Activities (excl. Water)  
869804pManagement of Solid Waste from Manufacturing  
Activities  
869805pManagement of Water Consumption by  
Manufacturing Activities  
869899pEnvironmentally Sustainable Manufacturing not  
elsewhere classified

671702Fibre Processing and Textiles;  
Footwear and Leather Products

869801pManagement of Gaseous Waste from  
Manufacturing Activities (excl. Greenhouse  
Gases)  
869802pManagement of Greenhouse Gas Emissions  
from Manufacturing Activities  
869803pManagement of Liquid Waste from Manufacturing  
Activities (excl. Water)  
869804pManagement of Solid Waste from Manufacturing  
Activities  
869805pManagement of Water Consumption by  
Manufacturing Activities  
869899pEnvironmentally Sustainable Manufacturing not  
elsewhere classified

671703Wood, Wood Products and Paper

869801pManagement of Gaseous Waste from  
Manufacturing Activities (excl. Greenhouse  
Gases)  
869802pManagement of Greenhouse Gas Emissions  
from Manufacturing Activities  
869803pManagement of Liquid Waste from Manufacturing  
Activities (excl. Water)

671704Human Pharmaceutical Products	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
671705Veterinary Pharmaceutical Products	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
671706Agricultural Chemicals	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
671707Industrial Chemicals and Related	869801pManagement of Gaseous Waste from

Products	Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
671708Basic Metal Products (incl. Smelting)	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
671709Ceramics, Glass and Industrial Mineral Products not elsewhere classified	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
671710Fabricated Metal Products	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing

	Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
671711Transport Equipment	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
671712Computer Hardware and Electronic Equipment	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
671713Communication Equipment	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
671714Instrumentation	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse

	Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
671715Machinery and Equipment	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
671716Other Manufactured Products	869801pManagement of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)
	869802pManagement of Greenhouse Gas Emissions from Manufacturing Activities
	869803pManagement of Liquid Waste from Manufacturing Activities (excl. Water)
	869804pManagement of Solid Waste from Manufacturing Activities
	869805pManagement of Water Consumption by Manufacturing Activities
	869899pEnvironmentally Sustainable Manufacturing not elsewhere classified
<b>680000 CONSTRUCTION</b>	
<b>680100 PLANNING</b>	
680101Housing	870104 Residential Construction Planning
680102Commercial	870102 Commercial Construction Planning
680103Civil	870101 Civil Construction Planning
680104Industrial	870199pConstruction Planning not elsewhere classified
680199Other	870103pRegional Planning
	870105pUrban Planning
	870199pConstruction Planning not elsewhere classified

**680200 DESIGN**

680201 Housing  
 680202 Commercial  
 680203 Civil  
 680204 Industrial  
 680299 Other

879999p Construction not elsewhere classified

870204 Residential Construction Design  
 870202 Commercial Construction Design  
 870201 Civil Construction Design  
 870203 Industrial Construction Design  
 870299 Construction Design not elsewhere classified  
 879999p Construction not elsewhere classified

**680300 MATERIALS PERFORMANCE AND PROCESSES**

680301 Stone, Ceramics and Clay Materials  
 680302 Cement and Concrete Materials  
 680303 Polymeric Materials (e.g. Paints)  
 680304 Timber Materials  
 680305 Metals (Composites, Coatings, Bonding, etc.)  
 680399 Other

870304 Stone, Ceramics and Clay Materials  
 870301 Cement and Concrete Materials  
 870303 Polymeric Materials (e.g. Paints)  
 870305 Timber Materials  
 870302 Metals (e.g. Composites, Coatings, Bonding)

870399 Construction Materials Performance and Processes not elsewhere classified  
 879999p Construction not elsewhere classified

**680400 CONSTRUCTION PROCESSES**

680401 Housing  
 680402 Commercial  
 680403 Civil  
 680404 Industrial  
 680499 Other

870404 Residential Construction Processes  
 870402 Commercial Construction Processes  
 870401 Civil Construction Processes  
 870403 Industrial Construction Processes  
 870499 Construction Processes not elsewhere classified  
 879999p Construction not elsewhere classified

**680500 BUILDING MANAGEMENT AND SERVICES**

680501 Housing  
 680502 Commercial  
 680503 Civil  
 680504 Industrial  
 680599 Other

870503 Residential Building Management and Services  
 870502 Commercial Building Management and Services  
 870501 Civil Building Management and Services  
 870599p Building Management and Services not elsewhere classified  
 870599p Building Management and Services not elsewhere classified  
 879999p Construction not elsewhere classified

**680600 PREVENTION AND TREATMENT OF POLLUTION**

680601 Planning

879801p Management of Gaseous Waste from Construction Activities (excl. Greenhouse Gases)  
 879802p Management of Greenhouse Gas Emissions from Construction Activities  
 879803p Management of Liquid Waste from Construction Activities (excl. Water)  
 879804p Management of Solid Waste from Construction Activities

680602Design

- 879805pManagement of Water Consumption by Construction Activities
- 879899pEnvironmentally Sustainable Construction not elsewhere classified
- 879801pManagement of Gaseous Waste from Construction Activities (excl. Greenhouse Gases)
- 879802pManagement of Greenhouse Gas Emissions from Construction Activities
- 879803pManagement of Liquid Waste from Construction Activities (excl. Water)
- 879804pManagement of Solid Waste from Construction Activities
- 879805pManagement of Water Consumption by Construction Activities
- 879899pEnvironmentally Sustainable Construction not elsewhere classified

680603Materials Performance and Processes

- 879801pManagement of Gaseous Waste from Construction Activities (excl. Greenhouse Gases)
- 879802pManagement of Greenhouse Gas Emissions from Construction Activities
- 879803pManagement of Liquid Waste from Construction Activities (excl. Water)
- 879804pManagement of Solid Waste from Construction Activities
- 879805pManagement of Water Consumption by Construction Activities
- 879899pEnvironmentally Sustainable Construction not elsewhere classified

680604Construction Processes

- 879801pManagement of Gaseous Waste from Construction Activities (excl. Greenhouse Gases)
- 879802pManagement of Greenhouse Gas Emissions from Construction Activities
- 879803pManagement of Liquid Waste from Construction Activities (excl. Water)
- 879804pManagement of Solid Waste from Construction Activities
- 879805pManagement of Water Consumption by Construction Activities
- 879899pEnvironmentally Sustainable Construction not elsewhere classified

680605Building Management and Services

- 879801pManagement of Gaseous Waste from Construction Activities (excl. Greenhouse Gases)
- 879802pManagement of Greenhouse Gas Emissions from Construction Activities
- 879803pManagement of Liquid Waste from Construction Activities (excl. Water)

**690000 TRANSPORT****690100 GROUND TRANSPORT**

690101 Road Safety

690102 Other Road Transport

690103 Rail Transport

690199 Ground Transport not elsewhere  
classified**690200 WATER TRANSPORT**

690201 International Sea Transport

690202 Coastal Water Transport

690203 Inland Water Transport

**690300 AIR TRANSPORT**

690301 Air Transport

690302 Space Transport

**690400 OTHER TRANSPORT**

690401 Multimodal Transport

690402 Intermodal Materials Handling

690499 Transport not elsewhere classified

879804p Management of Solid Waste from Construction  
Activities879805p Management of Water Consumption by  
Construction Activities879899p Environmentally Sustainable Construction not  
elsewhere classified

880109 Road Safety

880105 Road Freight

880106p Road Infrastructure and Networks

880107 Road Passenger Movements (excl. Public  
Transport)

880108 Road Public Transport

880101 Rail Freight

880102p Rail Infrastructure and Networks

880103 Rail Passenger Movements

880104p Rail Safety

880102p Rail Infrastructure and Networks

880104p Rail Safety

880106p Road Infrastructure and Networks

880199 Ground Transport not elsewhere classified

880202 International Sea Freight Transport (excl. Live  
Animal Transport)

880203 International Sea Transport of Live Animals

880204p Passenger Water Transport

880206p Water Safety

880201 Coastal Sea Freight Transport

880204p Passenger Water Transport

880206p Water Safety

880204p Passenger Water Transport

880206p Water Safety

880301 Air Freight

880302 Air Passenger Transport

880303p Air Safety

880305 Space Transport

889902 Multimodal Transport

889901 Intermodal Materials Handling

880205 Port Infrastructure and Management

880206p Water Safety

880299 Water Transport not elsewhere classified

880303p Air Safety

	880304	Air Terminal Infrastructure and Management
	880399	Aerospace Transport not elsewhere classified
	889903	Pipeline Transport
	889904p	Postal and Package Services (incl. Courier Services)
	889999	Transport not elsewhere classified
<b>690500</b>	<b>PREVENTION AND TREATMENT OF POLLUTION</b>	
690501	Ground Transport	
	889801p	Management of Gaseous Waste from Transport Activities (excl. Greenhouse Gases)
	889802p	Management of Greenhouse Gas Emissions from Transport Activities
	889803p	Management of Liquid Waste from Transport Activities (excl. Water)
	889804p	Management of Noise and Vibration from Transport Activities
	889805p	Management of Solid Waste from Transport Activities
	889806p	Management of Water Consumption by Transport Activities
	889899p	Environmentally Sustainable Transport not elsewhere classified
690502	Water Transport	
	889801p	Management of Gaseous Waste from Transport Activities (excl. Greenhouse Gases)
	889802p	Management of Greenhouse Gas Emissions from Transport Activities
	889803p	Management of Liquid Waste from Transport Activities (excl. Water)
	889804p	Management of Noise and Vibration from Transport Activities
	889805p	Management of Solid Waste from Transport Activities
	889806p	Management of Water Consumption by Transport Activities
	889899p	Environmentally Sustainable Transport not elsewhere classified
690503	Air Transport	
	889801p	Management of Gaseous Waste from Transport Activities (excl. Greenhouse Gases)
	889802p	Management of Greenhouse Gas Emissions from Transport Activities
	889803p	Management of Liquid Waste from Transport Activities (excl. Water)
	889804p	Management of Noise and Vibration from Transport Activities
	889805p	Management of Solid Waste from Transport Activities

690504Other Transport

889806pManagement of Water Consumption by Transport Activities  
889899pEnvironmentally Sustainable Transport not elsewhere classified  
889801pManagement of Gaseous Waste from Transport Activities (excl. Greenhouse Gases)  
889802pManagement of Greenhouse Gas Emissions from Transport Activities  
889803pManagement of Liquid Waste from Transport Activities (excl. Water)  
889804pManagement of Noise and Vibration from Transport Activities  
889805pManagement of Solid Waste from Transport Activities  
889806pManagement of Water Consumption by Transport Activities  
889899pEnvironmentally Sustainable Transport not elsewhere classified

## **700000 INFORMATION AND COMMUNICATION SERVICES**

### **700100 COMPUTER SOFTWARE AND SERVICES**

700101Application Packages	890201 Application Software Packages (excl. Computer Games)
	890203 Computer Gaming Software
700102Application Tools and System Utilities	890202 Application Tools and System Utilities
700103Information Processing Services	890205 Information Processing Services (incl. Data Entry and Capture)
700199Computer Software and Services not elsewhere classified	890204 Computer Time Leasing, Sharing and Renting Services
	890206 Internet Hosting Services (incl. Application Hosting Services)
	890299 Computer Software and Services not elsewhere classified
	899999pInformation and Communication Services not elsewhere classified

### **700200 OTHER INFORMATION SERVICES**

700201Library and Related Information Services	890302 Library and Archival Services
700299Information Services not elsewhere classified	890301 Electronic Information Storage and Retrieval Services
	890303 News Collection Services
	890399 Information Services not elsewhere classified
	899999pInformation and Communication Services not elsewhere classified

**700300 COMMUNICATION SERVICES**

700301	Broadcasting	890403	Internet Broadcasting
		890405	Radio and Television Broadcasting
700302	Telecommunications	890101	Fixed Line Data Networks and Services
		890102	Fixed Line Telephone Networks and Services
		890103	Mobile Data Networks and Services
		890104	Mobile Telephone Networks and Services
		890105	Satellite Communication Networks and Services
700303	Postal Communications	889904p	Postal and Package Services (incl. Courier Services)
700399	Communication Services not elsewhere classified	890106	Videoconference Services
		890199	Communication Networks and Services not elsewhere classified
		890401	Animation and Computer Generated Imagery Services
		890402	Film and Video Services (excl. Animation and Computer Generated Imagery)
		890404	Publishing and Print Services (incl. Internet Publishing)
		890499	Media Services not elsewhere classified
		899999p	Information and Communication Services not elsewhere classified

**700400 PREVENTION AND TREATMENT OF POLLUTION**

700401	Prevention and Treatment of Pollution	899801	Management of Greenhouse Gas Emissions from Information and Communication Services
		899802	Management of Solid Waste from Information and Communication Services
		899803	Management of Water Consumption by Information and Communication Services
		899899	Environmentally Sustainable Information and Communication Services not elsewhere classified

**710000 COMMERCIAL SERVICES AND TOURISM****710100 ELECTRICITY, GAS AND WATER SERVICES AND UTILITIES**

710101	Electricity Services and Utilities	850601p	Energy Services and Utilities
710102	Gas Services and Utilities	850601p	Energy Services and Utilities
710103	Water Services and Utilities	900403	Water Recycling Services (incl. Sewage and Greywater)
		900404	Water Services and Utilities

**710200 WASTE MANAGEMENT AND RECYCLING**

710201	Waste Management	900401	Waste Management Services
710202	Recycling	900402	Waste Recycling Services
710299	Other	900499	Water and Waste Services not elsewhere

classified

**710300 WHOLESALE AND RETAIL  
TRADE**

710301Wholesale Trade

900204pWholesale and Retail Trade

710302Retail Trade

900204pWholesale and Retail Trade

**710400 FINANCE, PROPERTY AND  
BUSINESS SERVICES**

710401Finance and Investment Services

900101 Finance Services

900102 Investment Services (excl. Superannuation)

710402Insurance Services

900103 Superannuation and Insurance Services

900199 Financial Services not elsewhere classified

710403Property and Business Services

900201pAdministration and Business Support Services

900203pProperty Services (incl. Security)

**710500 TOURISM**

710501Economic Issues

900301 Economic Issues in Tourism

710502Socio-Cultural Issues

900302 Socio-Cultural Issues in Tourism

710503Tourism Infrastructure Development

900303 Tourism Infrastructure Development

710599Tourism not elsewhere classified

900399 Tourism not elsewhere classified

**710600 OTHER COMMERCIAL SERVICES**

710601Recreational Services

909902 Recreational Services

710602Hospitality Services

909901 Hospitality Services

710603Commercial Security Services

900203pProperty Services (incl. Security)

710699Commercial Services not elsewhere  
classified

900201pAdministration and Business Support Services

900202 Professional, Scientific and Technical Services

900299 Property, Business Support Services and Trade  
not elsewhere classified

909999 Commercial Services and Tourism not elsewhere  
classified

**710700 PREVENTION AND TREATMENT  
OF POLLUTION**

710701Electricity, Gas and Water Services  
and Utilities

909801pManagement of Gaseous Waste from Commercial  
Services and Tourism (excl. Greenhouse Gases)

909802pManagement of Greenhouse Gas Emissions from  
Commercial Services and Tourism

909803pManagement of Liquid Waste from Commercial  
Services and Tourism (excl. Water)

909804pManagement of Solid Waste from Commercial  
Services and Tourism

909805pManagement of Water Consumption by  
Commercial Services and Tourism

909899pEnvironmentally Sustainable Commercial Services  
and Tourism not elsewhere classified

710702Waste Management and Recycling

909801pManagement of Gaseous Waste from Commercial  
Services and Tourism (excl. Greenhouse Gases)

909802pManagement of Greenhouse Gas Emissions from

	Commercial Services and Tourism
909803p	Management of Liquid Waste from Commercial Services and Tourism (excl. Water)
909804p	Management of Solid Waste from Commercial Services and Tourism
909805p	Management of Water Consumption by Commercial Services and Tourism
909899p	Environmentally Sustainable Commercial Services and Tourism not elsewhere classified
710703Wholesale and Retail Trade	909801pManagement of Gaseous Waste from Commercial Services and Tourism (excl. Greenhouse Gases)
	909802pManagement of Greenhouse Gas Emissions from Commercial Services and Tourism
	909803pManagement of Liquid Waste from Commercial Services and Tourism (excl. Water)
	909804pManagement of Solid Waste from Commercial Services and Tourism
	909805pManagement of Water Consumption by Commercial Services and Tourism
	909899pEnvironmentally Sustainable Commercial Services and Tourism not elsewhere classified
710704Finance, Property and Business Services	909801pManagement of Gaseous Waste from Commercial Services and Tourism (excl. Greenhouse Gases)
	909802pManagement of Greenhouse Gas Emissions from Commercial Services and Tourism
	909803pManagement of Liquid Waste from Commercial Services and Tourism (excl. Water)
	909804pManagement of Solid Waste from Commercial Services and Tourism
	909805pManagement of Water Consumption by Commercial Services and Tourism
	909899pEnvironmentally Sustainable Commercial Services and Tourism not elsewhere classified
710705Tourism	909801pManagement of Gaseous Waste from Commercial Services and Tourism (excl. Greenhouse Gases)
	909802pManagement of Greenhouse Gas Emissions from Commercial Services and Tourism
	909803pManagement of Liquid Waste from Commercial Services and Tourism (excl. Water)
	909804pManagement of Solid Waste from Commercial Services and Tourism
	909805pManagement of Water Consumption by Commercial Services and Tourism
	909899pEnvironmentally Sustainable Commercial Services and Tourism not elsewhere classified
710706Other Commercial Services	909801pManagement of Gaseous Waste from Commercial

Services and Tourism (excl. Greenhouse Gases)  
 909802pManagement of Greenhouse Gas Emissions from  
 Commercial Services and Tourism  
 909803pManagement of Liquid Waste from Commercial  
 Services and Tourism (excl. Water)  
 909804pManagement of Solid Waste from Commercial  
 Services and Tourism  
 909805pManagement of Water Consumption by  
 Commercial Services and Tourism  
 909899pEnvironmentally Sustainable Commercial Services  
 and Tourism not elsewhere classified

## **720000 ECONOMIC FRAMEWORK**

### **720100 MACROECONOMIC ISSUES**

720101Fiscal Policy	910105 Fiscal Policy
720102Monetary Policy	910108 Monetary Policy
720103Exchange Rates	910104 Exchange Rates
720104Balance of Payments	910101 Balance of Payments
720105Income Distribution	910106 Income Distribution
720106Taxation	910110 Taxation
720199Macroeconomic Issues not elsewhere classified	910102 Demography
	910103 Economic Growth
	910107 Macro Labour Market Issues
	910109 Savings and Investments
	910199 Macroeconomics not elsewhere classified

### **720200 MICROECONOMIC ISSUES**

720201Microeconomic Effects of Taxation	910207 Microeconomic Effects of Taxation
720202Consumption	910201 Consumption
720203Industrial Organisations	910203 Industrial Organisations
720204Industry Policy	910205 Industry Policy
720205Industry Costs and Structure	910204 Industry Costs and Structure
720299Microeconomic Issues not elsewhere classified	910202 Human Capital Issues
	910206 Market-Based Mechanisms
	910208 Micro Labour Market Issues
	910209 Preference, Behaviour and Welfare
	910210 Production
	910211 Supply and Demand
	910299 Microeconomics not elsewhere classified

### **720300 INTERNATIONAL TRADE ISSUES**

720301Trade Policy	910303 Trade Policy
720302Assistance and Protection	910302 Trade Assistance and Protection
720303International Agreements on Trade	910301 International Agreements on Trade
720399International Trade Issues not elsewhere classified	910399 International Trade not elsewhere classified

### **720400 MANAGEMENT AND**

**PRODUCTIVITY ISSUES**

720401Marketing	910403 Marketing
720402Industrial Relations	910401 Industrial Relations
720403Management	910402 Management
720404Productivity	910404 Productivity (excl. Public Sector)
720499Management and Productivity Issues not elsewhere classified	910405 Public Sector Productivity
	910499 Management and Productivity not elsewhere classified

**720500 MEASUREMENT STANDARDS  
AND CALIBRATION SERVICES**

720501Defence Standards and Calibrations	910502 Defence Standards and Calibrations
720502Manufacturing Standards and Calibrations	910503 Manufacturing Standards and Calibrations
720503Service Industries Standards and Calibrations	910504 Service Industries Standards and Calibrations
720599Measurement Standards and Calibration Services not elsewhere classified	910501 Agricultural and Environmental Standards
	910599 Measurement Standards and Calibration Services not elsewhere classified

**729900 OTHER ECONOMIC ISSUES**

729901Technological and Organisational Innovation	910406 Technological and Organisational Innovation
729999Economic Issues not elsewhere classified	919901 Carbon and Emissions Trading
	919902 Ecological Economics
	919999 Economic Framework not elsewhere classified

**730000 HEALTH****730100 CLINICAL (ORGANS, DISEASES  
AND ABNORMAL CONDITIONS)**

730101Infectious Diseases	920109 Infectious Diseases
730102Immune System and Allergy	920108 Immune System and Allergy
730103Blood Disorders	920101 Blood Disorders
730104Nervous System and Disorders	920111 Nervous System and Disorders
730105Endocrine Organs and Diseases (incl. Diabetes)	920104 Diabetes
	920106 Endocrine Organs and Diseases (excl. Diabetes)
730106Cardiovascular System and Diseases	920103 Cardiovascular System and Diseases
730107Inherited Diseases (incl. Gene Therapy)	920110 Inherited Diseases (incl. Gene Therapy)
730108Cancer and Related Disorders	920102 Cancer and Related Disorders
730109Surgical Methods and Procedures	920118 Surgical Methods and Procedures
730110Respiratory System and Diseases (incl. Asthma)	920115 Respiratory System and Diseases (incl. Asthma)

730111Hearing, Vision, Speech and Their Disorders	920107 Hearing, Vision, Speech and Their Disorders
730112Oro-Dental Disorders	920113 Oro-Dental Disorders
730113Digestive System Disorders	920105 Digestive System Disorders
730114Skeletal System and Disorders (incl. Arthritis)	920116 Skeletal System and Disorders (incl. Arthritis)
730115Urogenital System and Disorders	920119 Urogenital System and Disorders
730116Reproductive System and Disorders	920114 Reproductive System and Disorders
730117Skin and Related Disorders	920117 Skin and Related Disorders
730118Organs, Diseases and Abnormal Conditions not elsewhere classified	920112pNeurodegenerative Disorders Related to Ageing
	920120pZoonoses
	920199pClinical Health (Organs, Diseases and Abnormal Conditions) not elsewhere classified
	929999pHealth not elsewhere classified
730199Clinical Health not specific to Particular Organs, Diseases and Conditions	920112pNeurodegenerative Disorders Related to Ageing
	920120pZoonoses
	920199pClinical Health (Organs, Diseases and Abnormal Conditions) not elsewhere classified
	929999pHealth not elsewhere classified
<b>730200 PUBLIC HEALTH</b>	
730201Women's Health	920507 Women's Health
730202Men's Health	920504 Men's Health
730203Health related to Ageing	920502 Health Related to Ageing
730204Child Health	920501 Child Health
730205Substance Abuse	920414 Substance Abuse
730206Aboriginal and Torres Strait Islander Health	920301 Aboriginal and Torres Strait Islander Health - Determinants of Health
	920302 Aboriginal and Torres Strait Islander Health - Health Status and Outcomes
	920303 Aboriginal and Torres Strait Islander Health - Health System Performance (incl. Effectiveness of Interventions)
730207Health Related to Specific Ethnic Groups	920304 Maori Health - Determinants of Health
	920305 Maori Health - Health Status and Outcomes
	920306 Maori Health - Health System Performance (incl. Effectiveness of Interventions)
	920307 Pacific Peoples Health - Determinants of Health
	920308 Pacific Peoples Health - Health Status and Outcomes
	920309 Pacific Peoples Health - Health System Performance (incl. Effectiveness of Interventions)
	920503 Health Related to Specific Ethnic Groups

730208Occupational Health (excl. Economic Development Aspects)	920505 Occupational Health
730209Rural Health	920506 Rural Health
730210Environmental Health	920405 Environmental Health
730211Mental Health	920410 Mental Health
730212Disease Distribution and Transmission	920404 Disease Distribution and Transmission (incl. Surveillance and Response)
730213Preventive Medicine	920412 Preventive Medicine
730214Dental Health	920402 Dental Health
730215Nutrition	920411 Nutrition
730216Food Safety	920406 Food Safety
730217Health Status (e.g. Indicators of Well-Being)	920408 Health Status (e.g. Indicators of Well-Being)
730218Social Structure and Health	920413 Social Structure and Health
730219Behaviour and Health	920401 Behaviour and Health
730220Injury Control	920409 Injury Control
730299Public Health not elsewhere classified	920399 Indigenous Health not elsewhere classified
	920403 Disability and Functional Capacity
	920407 Health Protection and/or Disaster Response
	920499 Public Health (excl. Specific Population Health) not elsewhere classified
	920599 Specific Population Health (excl. Indigenous Health) not elsewhere classified
	929999pHealth not elsewhere classified
<b>730300 HEALTH AND SUPPORT SERVICES</b>	
730301Health Education and Promotion	920205 Health Education and Promotion
730302Nursing	920210 Nursing
730303Occupational, Speech and Physiotherapy	920201pAllied Health Therapies (excl. Mental Health Services)
730304Palliative Care	920211 Palliative Care
730305Diagnostic Methods	920203 Diagnostic Methods
730306Evaluation of Health Outcomes	920204 Evaluation of Health Outcomes
730307Health Policy Evaluation	920208 Health Policy Evaluation
730308Health Policy Economic Outcomes	920207 Health Policy Economic Outcomes
730399Health and Support Services not elsewhere classified	920201pAllied Health Therapies (excl. Mental Health Services)
	920202 Carer Health
	920206 Health Inequalities
	920209 Mental Health Services
	920299 Health and Support Services not elsewhere classified
	929999pHealth not elsewhere classified

## **740000 EDUCATION AND TRAINING**

### **740100 EARLY CHILDHOOD AND**

## PRIMARY EDUCATION

740101 Early Childhood Education

930101pLearner and Learning Achievement  
930102pLearner and Learning Processes  
930103pLearner Development  
930104pMoral and Social Development (incl. Affect)  
930199pLearner and Learning not elsewhere classified  
930201pPedagogy  
930202pTeacher and Instructor Development  
930203pTeaching and Instruction Technologies  
930299pTeaching and Instruction not elsewhere classified  
930301pAssessment and Evaluation of Curriculum  
930302pSyllabus and Curriculum Development  
930399pCurriculum not elsewhere classified  
930401pManagement and Leadership of Schools/Institutions  
930402pSchool/Institution Community and Environment  
930403pSchool/Institution Policies and Development  
930499pSchool/Institution not elsewhere classified  
930502pManagement of Education and Training Systems  
930503pResourcing of Education and Training Systems  
930599pEducation and Training Systems not elsewhere classified

740102 Primary Education

930101pLearner and Learning Achievement  
930102pLearner and Learning Processes  
930103pLearner Development  
930104pMoral and Social Development (incl. Affect)  
930199pLearner and Learning not elsewhere classified  
930201pPedagogy  
930202pTeacher and Instructor Development  
930203pTeaching and Instruction Technologies  
930299pTeaching and Instruction not elsewhere classified  
930301pAssessment and Evaluation of Curriculum  
930302pSyllabus and Curriculum Development  
930399pCurriculum not elsewhere classified  
930401pManagement and Leadership of Schools/Institutions  
930402pSchool/Institution Community and Environment

**740200 SECONDARY EDUCATION**

740201 Secondary Education

930403pSchool/Institution Policies and  
Development  
930499pSchool/Institution not elsewhere classified  
930502pManagement of Education and Training  
Systems  
930503pResourcing of Education and Training  
Systems  
930599pEducation and Training Systems not  
elsewhere classified

930101pLearner and Learning Achievement  
930102pLearner and Learning Processes  
930103pLearner Development  
930104pMoral and Social Development (incl.  
Affect)  
930199pLearner and Learning not elsewhere  
classified  
930201pPedagogy  
930202pTeacher and Instructor Development  
930203pTeaching and Instruction Technologies  
930299pTeaching and Instruction not elsewhere  
classified  
930301pAssessment and Evaluation of Curriculum  
930302pSyllabus and Curriculum Development  
930399pCurriculum not elsewhere classified  
930401pManagement and Leadership of  
Schools/Institutions  
930402pSchool/Institution Community and  
Environment  
930403pSchool/Institution Policies and  
Development  
930499pSchool/Institution not elsewhere classified  
930502pManagement of Education and Training  
Systems  
930503pResourcing of Education and Training  
Systems  
930599pEducation and Training Systems not  
elsewhere classified

**740300 HIGHER EDUCATION**

740301 Higher Education

930101pLearner and Learning Achievement  
930102pLearner and Learning Processes  
930103pLearner Development  
930104pMoral and Social Development (incl.  
Affect)  
930199pLearner and Learning not elsewhere  
classified

**740400 VOCATIONAL EDUCATION AND TRAINING**

740401 Vocational Education and Training

930201pPedagogy  
930202pTeacher and Instructor Development  
930203pTeaching and Instruction Technologies  
930299pTeaching and Instruction not elsewhere  
classified  
930301pAssessment and Evaluation of Curriculum  
930302pSyllabus and Curriculum Development  
930399pCurriculum not elsewhere classified  
930401pManagement and Leadership of  
Schools/Institutions  
930402pSchool/Institution Community and  
Environment  
930403pSchool/Institution Policies and  
Development  
930499pSchool/Institution not elsewhere classified  
930502pManagement of Education and Training  
Systems  
930503pResourcing of Education and Training  
Systems  
930599pEducation and Training Systems not  
elsewhere classified

930101pLearner and Learning Achievement  
930102pLearner and Learning Processes  
930103pLearner Development  
930104pMoral and Social Development (incl.  
Affect)  
930199pLearner and Learning not elsewhere  
classified  
930201pPedagogy  
930202pTeacher and Instructor Development  
930203pTeaching and Instruction Technologies  
930299pTeaching and Instruction not elsewhere  
classified  
930301pAssessment and Evaluation of Curriculum  
930302pSyllabus and Curriculum Development  
930399pCurriculum not elsewhere classified  
930401pManagement and Leadership of  
Schools/Institutions  
930402pSchool/Institution Community and  
Environment  
930403pSchool/Institution Policies and  
Development  
930499pSchool/Institution not elsewhere classified  
930502pManagement of Education and Training

**740500 SPECIAL EDUCATION**

740501 Special Education

Systems  
930503pResourcing of Education and Training  
Systems  
930599pEducation and Training Systems not  
elsewhere classified

930101pLearner and Learning Achievement  
930102pLearner and Learning Processes  
930103pLearner Development  
930104pMoral and Social Development (incl.  
Affect)  
930199pLearner and Learning not elsewhere  
classified  
930201pPedagogy  
930202pTeacher and Instructor Development  
930203pTeaching and Instruction Technologies  
930299pTeaching and Instruction not elsewhere  
classified  
930301pAssessment and Evaluation of Curriculum  
930302pSyllabus and Curriculum Development  
930399pCurriculum not elsewhere classified  
930401pManagement and Leadership of  
Schools/Institutions  
930402pSchool/Institution Community and  
Environment  
930403pSchool/Institution Policies and  
Development  
930499pSchool/Institution not elsewhere classified  
930502pManagement of Education and Training  
Systems  
930503pResourcing of Education and Training  
Systems  
930599pEducation and Training Systems not  
elsewhere classified  
939907pSpecial Needs Education

**749900 OTHER EDUCATION**

749901 Occupational Training

749902 Continuing Education

749903 Aboriginal and Torres Strait Islander  
Education

749904 Education Across Cultures

749905 Gender Aspects of Education

749906 Education Policy

939999pEducation and Training not elsewhere  
classified  
939999pEducation and Training not elsewhere  
classified  
939901 Aboriginal and Torres Strait Islander  
Education  
939999pEducation and Training not elsewhere  
classified  
939904 Gender Aspects of Education  
930501pEducation and Training Systems Policies

749999 Education and Training not elsewhere  
classified

and Development  
930101pLearner and Learning Achievement  
  
930102pLearner and Learning Processes  
930103pLearner Development  
930104pMoral and Social Development (incl.  
Affect)  
930199pLearner and Learning not elsewhere  
classified  
930201pPedagogy  
930202pTeacher and Instructor Development  
930203pTeaching and Instruction Technologies  
930299pTeaching and Instruction not elsewhere  
classified  
930301pAssessment and Evaluation of Curriculum  
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930401pManagement and Leadership of  
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930403pSchool/Institution Policies and  
Development  
930499pSchool/Institution not elsewhere classified  
930501pEducation and Training Systems Policies  
and Development  
930502pManagement of Education and Training  
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930503pResourcing of Education and Training  
Systems  
930599pEducation and Training Systems not  
elsewhere classified  
939902 Education and Training Theory and  
Methodology  
939903 Equity and Access to Education  
939905 Maori Education  
939906 Pacific Peoples Education  
939907pSpecial Needs Education  
939908 Workforce Transition and Employment  
939999pEducation and Training not elsewhere  
classified

## **750000 SOCIAL DEVELOPMENT AND COMMUNITY SERVICES**

### **750100 WORK**

750101 Employment  
750102 Changing Work Patterns  
750103 The Professions and Professionalisation

940501pEmployment Patterns and Change  
940501pEmployment Patterns and Change  
940502 Professions and Professionalisation

750104Preserving Institutional and Organisational Histories	940599pWork and Institutional Development not elsewhere classified
750199Work not elsewhere classified	940503 Time Use, Unpaid Work and Volunteering
	940504 Work and Family Responsibilities
	940505 Workplace Safety
	940599pWork and Institutional Development not elsewhere classified
<b>750200 ARTS AND LEISURE</b>	
750201The Performing Arts (incl. Music, Theatre and Dance)	950101 Music
	950105 The Performing Arts (incl. Theatre and Dance)
750202The Creative Arts	950104 The Creative Arts (incl. Graphics and Craft)
750203Organised Sports	950102 Organised Sports
750204Recreation	950103 Recreation
750299Arts and Leisure not elsewhere classified	950199 Arts and Leisure not elsewhere classified
<b>750300 COMMUNITY SERVICE (EXCL. WORK)</b>	
750301The Distribution of Wealth	940108pDistribution of Income and Wealth
750302Class	940116pSocial Class and Inequalities
750303Gender	940113pGender and Sexualities
750304The Aged	940103 Ageing and Older People
750305Ability and Disability	940101 Ability and Disability
750306Ethnicity and Multiculturalism	940111pEthnicity, Multiculturalism and Migrant Development and Welfare
750307Families	940112pFamilies and Family Services
750308National Identity	940106 Citizenship and National Identity
750309Aboriginal and Torres Strait Islander Development and Welfare	940102 Aboriginal and Torres Strait Islander Development and Welfare
750310Carers Development and Welfare (i.e. Carers for the Aged, Disabled)	940104 Carers' Development and Welfare
750311Migrant Development and Welfare	940111pEthnicity, Multiculturalism and Migrant Development and Welfare
750312Youth/Child Development and Welfare	940105pChildren's/Youth Services and Childcare
750399Community Services not elsewhere classified	940105pChildren's/Youth Services and Childcare
	940107 Comparative Structure and Development of Community Services
	940108pDistribution of Income and Wealth
	940109 Employment Services
	940110 Environmental Services
	940112pFamilies and Family Services
	940113pGender and Sexualities
	940114 Maori Development and Welfare
	940115 Pacific Peoples Development and Welfare
	940116pSocial Class and Inequalities

**750400 RELIGION AND ETHICS**

750401 Religion and Society

750402 Religious Structures and Ritual

750403 Bioethics

750404 Social Ethics

750405 Environmental Ethics

750406 Business Ethics

750499 Religion and Ethics not elsewhere classified

940117 Structure, Delivery and Financing of  
Community Services940199 Community Service (excl. Work) not  
elsewhere classified

950404 Religion and Society

950405 Religious Structures and Ritual

950401 Bioethics

950407 Social Ethics

950403 Environmental Ethics

950402 Business Ethics

950406 Religious Traditions (excl. Structures and  
Rituals)

950408 Technological Ethics

950409 Workplace and Organisational Ethics

950499 Religion and Ethics not elsewhere  
classified**750500 JUSTICE AND THE LAW**

750501 Ownership of the Land

750502 Consumer Affairs

750503 Understanding Legal Processes

750504 Law Enforcement

750505 Correctional Services

750599 Justice and the Law not elsewhere classified

940499p Justice and the Law not elsewhere  
classified940499p Justice and the Law not elsewhere  
classified

940406 Legal Processes

940404 Law Enforcement

940408p Rehabilitation and Correctional Services

940401 Civil Justice

940402 Crime Prevention

940403 Criminal Justice

940405 Law Reform

940407 Legislation, Civil and Criminal Codes

940408p Rehabilitation and Correctional Services

940499p Justice and the Law not elsewhere  
classified**750600 GOVERNMENT AND POLITICS**

750601 Understanding Political Systems

750602 Understanding Electoral Systems

750603 Federalism in Australia

750604 Civics and Citizenship

750605 Public Services Management

750699 Government and Politics not elsewhere  
classified

940203 Political Systems

940202 Electoral Systems

940299p Government and Politics not elsewhere  
classified

940201 Civics and Citizenship

940204p Public Services Policy Advice and Analysis

940204p Public Services Policy Advice and Analysis

940299p Government and Politics not elsewhere  
classified**750700 INTERNATIONAL RELATIONS**

750701 Understanding International Relations

940399p International Relations not elsewhere

750702	Understanding Other Countries	classified	940399p	International Relations not elsewhere classified
750703	International Organisations	940303		International Organisations
750704	International Aid	940302		International Aid and Development
750799	International Relations not elsewhere classified	940301		Defence and Security Policy
		940304		International Political Economy (excl. International Trade)
		940399p		International Relations not elsewhere classified
<b>750800 HERITAGE</b>				
750801	Preserving the Built Environment	950307		Conserving the Historic Environment
750802	Preserving Movable Cultural Heritage	950303p		Conserving Collections and Movable Cultural Heritage
750803	Urban Planning	870105p		Urban Planning
750804	Regional Planning	870103p		Regional Planning
750805	Aboriginal and Torres Strait Islander Heritage	950302		Conserving Aboriginal and Torres Strait Islander Heritage
750899	Heritage not elsewhere classified	950301		Ahuatanga Maori (Maori Tradition)
		950304		Conserving Intangible Cultural Heritage
		950305		Conserving Natural Heritage
		950306		Conserving Pacific Peoples Heritage
		950308		Matauranga Maori (Maori Knowledge)
		950309		Taonga (Maori Artefacts)
		950310		Tikanga Maori (Maori Customary Practices)
		950311		Wahi Taonga (Maori Places of Significance)
		950399		Heritage not elsewhere classified
<b>750900 UNDERSTANDING PAST SOCIETIES</b>				
750901	Understanding Australia's Past	950503		Understanding Australia's Past
750902	Understanding the Past of Other Societies	950501		Understanding Africa's Past
		950502		Understanding Asia's Past
		950504		Understanding Europe's Past
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		950506		Understanding the Past of the Americas
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751001	Languages and Literature	950203		Languages and Literature
751002	Languages and Literacy	950202		Languages and Literacy
751003	Visual Communication	950205		Visual Communication
751004	The Media	950204		The Media
751005	Communication Across Languages and Culture	950201		Communication Across Languages and Culture

751006	Managing Collections	950303p	Conserving Collections and Movable Cultural Heritage
751099	Communication not elsewhere classified	950299	Communication not elsewhere classified
<b>759900 OTHER SOCIAL DEVELOPMENT AND COMMUNITY SERVICES</b>			
759999	Other Social Development and Community Services	949999	Law, Politics and Community Services not elsewhere classified
		959999	Cultural Understanding not elsewhere classified
<b>760000 ENVIRONMENTAL POLICY FRAMEWORKS AND OTHER ASPECTS</b>			
<b>760100 ENVIRONMENTAL POLICY, LEGISLATION AND STANDARDS</b>			
760101	Global Climate Change Adaptation Measures	960301	Climate Change Adaptation Measures
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		960704	Land Stewardship
		960705	Rural Land Policy
		960706	Rural Water Policy
		960708	Urban Land Policy
		960709	Urban Water Policy
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<b>760200 ENVIRONMENTAL AND RESOURCE EVALUATION</b>			
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		960604	Environmental Management Systems
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		960608	Rural Water Evaluation (incl. Water Quality)
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		960610	Urban Land Evaluation
		960611	Urban Water Evaluation (incl. Water Quality)

	960699 Environmental and Natural Resource Evaluation not elsewhere classified
<b>769900 OTHER ENVIRONMENTAL ASPECTS</b>	
769999 Other Environmental Aspects	969999p Environment not elsewhere classified
<b>770000 ENVIRONMENTAL MANAGEMENT</b>	
<b>770100 CLIMATE AND WEATHER</b>	
770101 Climate Change	960302 Climate Change Mitigation Strategies 960303 Climate Change Models 960305 Ecosystem Adaptation to Climate Change 960306p Effects of Climate Change and Variability on Antarctic and Sub-Antarctic Environments (excl. Social Impacts) 960307p Effects of Climate Change and Variability on Australia (excl. Social Impacts) 960308p Effects of Climate Change and Variability on New Zealand (excl. Social Impacts) 960309p Effects of Climate Change and Variability on the South Pacific (excl. Australia and New Zealand) (excl. Social Impacts) 960310p Global Effects of Climate Change and Variability (excl. Australia, New Zealand, Antarctica and the South Pacific) (excl. Social Impacts) 960311p Social Impacts of Climate Change and Variability
770102 Climate Variability	960304 Climate Variability (excl. Social Impacts) 960306p Effects of Climate Change and Variability on Antarctic and Sub-Antarctic Environments (excl. Social Impacts) 960307p Effects of Climate Change and Variability on Australia (excl. Social Impacts) 960308p Effects of Climate Change and Variability on New Zealand (excl. Social Impacts) 960309p Effects of Climate Change and Variability on the South Pacific (excl. Australia and New Zealand) (excl. Social Impacts) 960310p Global Effects of Climate Change and Variability (excl. Australia, New Zealand, Antarctica and the South Pacific) (excl. Social Impacts) 960311p Social Impacts of Climate Change and Variability
770103 Weather	960203 Weather
770199 Other	960202p Atmospheric Processes and Dynamics 960299 Atmosphere and Weather not elsewhere classified

**770200 ATMOSPHERE (EXCL. CLIMATE AND WEATHER)**

770201 Atmospheric Composition

770202 Atmospheric Processes

**770300 MARINE ENVIRONMENT**

770301 Air Quality

770302 Living Resources (incl. Impacts of Fishing on Non-Target Species)

770303 Control of Pests and Exotic Species

770304 Physical and Chemical Conditions

770305 Oceanic Processes (excl. Climate Related)

770306 Integrated (Ecosystem) Assessment and Management

770307 Marine Protected Areas

770399 Other

**770400 COASTAL AND ESTUARINE ENVIRONMENT**

770401 Air Quality

770402 Land and Water Management

770403 Living Resources (Flora and Fauna)

770404 Control of Pests and Exotic Species

770405 Physical and Chemical Conditions

770406 Integrated (Ecosystem) Assessment and Management

770407 Remnant Vegetation and Protected Conservation Areas (Both Terrestrial and Marine)

770408 Rehabilitation of Degraded Coastal and Estuarine Areas

770409 Estuarine and Lagoon Areas

960399 Climate and Climate Change not elsewhere classified

960201 Atmospheric Composition (incl. Greenhouse Gas Inventory)

960202p Atmospheric Processes and Dynamics

960104 Marine Air Quality

960808 Marine Flora, Fauna and Biodiversity

960407p Control of Pests, Diseases and Exotic Species in Marine Environments

961104 Physical and Chemical Conditions of Water in Marine Environments

969902 Marine Oceanic Processes (excl. climate related)

960507 Ecosystem Assessment and Management of Marine Environments

961303 Protected Conservation Areas in Marine Environments

961006 Natural Hazards in Marine Environments

969999p Environment not elsewhere classified

960102 Coastal and Estuarine Air Quality

960902 Coastal and Estuarine Land Management

960903 Coastal and Estuarine Water Management

960802 Coastal and Estuarine Flora, Fauna and Biodiversity

960402p Control of Animal Pests, Diseases and Exotic Species in Coastal and Estuarine Environments

960412p Control of Plant Pests, Diseases and Exotic Species in Coastal and Estuarine Environments

961102 Physical and Chemical Conditions of Water in Coastal and Estuarine Environments

960503 Ecosystem Assessment and Management of Coastal and Estuarine Environments

961304 Remnant Vegetation and Protected Conservation Areas in Coastal and Estuarine Environments

961201 Rehabilitation of Degraded Coastal and Estuarine Environments

969999p Environment not elsewhere classified

770499Other	961002 Natural Hazards in Coastal and Estuarine Environments
	961401 Coastal and Estuarine Soils
	969999pEnvironment not elsewhere classified
<b>770500 URBAN AND INDUSTRIAL ENVIRONMENT</b>	
770501Air Quality	960106 Urban and Industrial Air Quality
770502Land and Water Management	960911 Urban and Industrial Land Management
	960912 Urban and Industrial Water Management
770503Living Resources (Flora and Fauna)	960812 Urban and Industrial Flora, Fauna and Biodiversity
770504Control of Pests and Exotic Species	960411 Control of Pests, Diseases and Exotic Species in Urban and Industrial Environments
770505Integrated (Ecosystem) Assessment and Management	960511 Ecosystem Assessment and Management of Urban and Industrial Environments
770506Remnant Vegetation and Protected Conservation Areas	961310 Remnant Vegetation and Protected Conservation Areas in Urban and Industrial Environments
770507Industrial/Degraded Areas	961208 Rehabilitation of Degraded Urban and Industrial Environments
770599Other	961010 Natural Hazards in Urban and Industrial Environments
	961407 Urban and Industrial Soils
	969999pEnvironment not elsewhere classified
<b>770600 HIGH COUNTRY (INCL. MOUNTAINS)</b>	
770601Air Quality	960199pAir Quality not elsewhere classified
770602Land and Water Management	960909 Mountain and High Country Land and Water Management
770603Living Resources (Flora and Fauna)	960810 Mountain and High Country Flora, Fauna and Biodiversity
770604Control of Pests and Exotic Species	960409 Control of Pests, Diseases and Exotic Species in Mountain and High Country Environments
770605Integrated (Ecosystem) Assessment and Management	960509 Ecosystem Assessment and Management of Mountain and High Country Environments
770606Remnant Vegetation and Protected Conservation Areas	961307 Remnant Vegetation and Protected Conservation Areas in Mountain and High Country Environments
770607Rehabilitation of Degraded High Country	961206 Rehabilitation of Degraded Mountain and High Country Environments
770699Other	961008 Natural Hazards in Mountain and High Country Environments
	961405 Mountain and High Country Soils
	969999pEnvironment not elsewhere classified
<b>770700 FOREST AND WOODED LANDS</b>	
770701Air Quality	960199pAir Quality not elsewhere classified

770702Land and Water Management	960906 Forest and Woodlands Land Management
	960907 Forest and Woodlands Water Management
770703Living Resources (Flora and Fauna)	960806 Forest and Woodlands Flora, Fauna and Biodiversity
770704Control of Pests and Exotic Species	960404pControl of Animal Pests, Diseases and Exotic Species in Forest and Woodlands Environments
	960414pControl of Plant Pests, Diseases and Exotic Species in Forest and Woodlands Environments
770705Integrated (Ecosystem) Assessment and Management	960505 Ecosystem Assessment and Management of Forest and Woodlands Environments
770706Remnant Vegetation and Protected Conservation Areas	961306 Remnant Vegetation and Protected Conservation Areas in Forest and Woodlands Environments
770707Rehabilitation/Reafforestation	961203 Rehabilitation of Degraded Forest and Woodlands Environments
770799Other	961004 Natural Hazards in Forest and Woodlands Environments
	961403pForest and Woodlands Soils
	969999pEnvironment not elsewhere classified
<b>770800 FARMLAND (INCL. ARABLE LAND AND PERMANENT CROP LAND)</b>	
770801Air Quality	960103 Farmland, Arable Cropland and Permanent Cropland Air Quality
770802Land and Water Management	960904 Farmland, Arable Cropland and Permanent Cropland Land Management
	960905 Farmland, Arable Cropland and Permanent Cropland Water Management
770803Living Resources (Flora and Fauna)	960804 Farmland, Arable Cropland and Permanent Cropland Flora, Fauna and Biodiversity
770804Control of Pests and Exotic Species	960403pControl of Animal Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments
	960413pControl of Plant Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments
770805Integrated (Ecosystem) Assessment and Management	960504 Ecosystem Assessment and Management of Farmland, Arable Cropland and Permanent Cropland Environments
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770899Other	Environments 961003 Natural Hazards in Farmland, Arable Cropland and Permanent Cropland Environments 961402pFarmland, Arable Cropland and Permanent Cropland Soils 969999pEnvironment not elsewhere classified
<b>770900 SPARSELAND (INCL. PERMANENT GRASSLAND AND THE ARID ZONE)</b>	
770901Air Quality	960199pAir Quality not elsewhere classified
770902Land and Water Management	960910 Sparseland, Permanent Grassland and Arid Zone Land and Water Management
770903Living Resources (Flora and Fauna)	960811 Sparseland, Permanent Grassland and Arid Zone Flora, Fauna and Biodiversity
770904Control of Pests and Exotic Species	960410 Control of Pests, Diseases and Exotic Species in Sparseland, Permanent Grassland and Arid Zone Environments
770905Integrated (Ecosystem) Assessment and Management	960510 Ecosystem Assessment and Management of Sparseland, Permanent Grassland and Arid Zone Environments
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770907Rehabilitation of Degraded Sparseland	961207 Rehabilitation of Degraded Sparseland, Permanent Grassland and Arid Zone Environments
770999Other	961009 Natural Hazards in Sparseland, Permanent Grassland and Arid Zone Environments 961406 Sparseland, Permanent Grassland and Arid Zone Soils 969999pEnvironment not elsewhere classified
<b>771000 MINING ENVIRONMENTS</b>	
771001Air Quality	960105 Mining Air Quality
771002Land and Water Management	960908 Mining Land and Water Management
771003Living Resources (Flora and Fauna)	960809 Mining Flora, Fauna and Biodiversity
771004Control of Pests and Exotic Species	960408 Control of Pests, Diseases and Exotic Species in Mining Environments
771005Integrated (Ecosystem) Assessment and Management	960508 Ecosystem Assessment and Management of Mining Environments
771006Remnant Vegetation and Protected Conservation Areas	961399pRemnant Vegetation and Protected Conservation Areas not elsewhere classified
771007Rehabilitation of Degraded Mining Lands	961205 Rehabilitation of Degraded Mining Environments
771099Other	961007 Natural Hazards in Mining Environments 961404 Mining Soils 969999pEnvironment not elsewhere classified
<b>771100 ANTARCTIC AND SUB-ANTARTIC</b>	

**AREAS**

771101	Air Quality	960101	Antarctic and Sub-Antarctic Air Quality
771102	Land and Water Management	960901	Antarctic and Sub-Antarctic Land and Water Management
771103	Living Resources (Flora and Fauna)	960801	Antarctic and Sub-Antarctic Flora, Fauna and Biodiversity
771104	Control of Pests and Exotic Species	960499p	Control of Pests, Diseases and Exotic Species not elsewhere classified
771105	Integrated (Ecosystem) Assessment and Management	960502	Ecosystem Assessment and Management of Antarctic and Sub-Antarctic Environments
771199	Other	961001	Natural Hazards in Antarctic and Sub-Antarctic Environments
		969901	Antarctic and Sub-Antarctic Oceanography
		969999p	Environment not elsewhere classified

**779900 OTHER (INCL. ISLANDS)**

779901	Air Quality	960199p	Air Quality not elsewhere classified
779902	Land and Water Management	960913	Water Allocation and Quantification
		960999	Land and Water Management of environments not elsewhere classified
779903	Living Resources (Flora and Fauna)	960803	Documentation of Undescribed Flora and Fauna
		960805	Flora, Fauna and Biodiversity at Regional or Larger Scales
		960807	Fresh, Ground and Surface Water Flora, Fauna and Biodiversity
		960899	Flora, Fauna and Biodiversity of environments not elsewhere classified
779904	Control of Pests and Exotic Species	960401	Border Biosecurity (incl. Quarantine and Inspection)
		960405	Control of Pests, Diseases and Exotic Species at Regional or Larger Scales
		960406	Control of Pests, Diseases and Exotic Species in Fresh, Ground and Surface Water Environments
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779905	Integrated (Ecosystem) Assessment and Management	960501	Ecosystem Assessment and Management at Regional or Larger Scales
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	961302 Protected Conservation Areas in Fresh, Ground and Surface Water Environments
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779999Other	961005 Natural Hazards in Fresh, Ground and Surface Water Environments
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	961499 Soils not elsewhere classified
	969999pEnvironment not elsewhere classified

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### **780100 NON-ORIENTED RESEARCH**

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	970106 Expanding Knowledge in the Biological Sciences
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	610199pOther
810199Defence not elsewhere classified	610199pOther
<b>82 PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS</b>	
<b>8201 FORESTRY</b>	
820101Hardwood Plantations	620303 Hardwood Plantations
820102Harvesting and Transport of Forest Products	620304 Harvesting and Transport of Forest Products
820103Integration of Farm and Forestry	620305 Integration of Farm and Forestry
820104Native Forests	620301 Native Forests
820105Softwood Plantations	620302 Softwood Plantations
820199Forestry not elsewhere classified	620399pForestry not elsewhere classified
<b>8202 HORTICULTURAL CROPS</b>	
820201Almonds	620207pTree Nuts
820202Berry Fruit (excl. Kiwifruit)	620206pBerry Fruit
820203Citrus Fruit	620203 Citrus
820204Hops	620299pHorticultural Crops not elsewhere classified
820205Kiwifruit	620206pBerry Fruit
820206Macadamias	620207pTree Nuts
820207Mushrooms and Truffles	620299pHorticultural Crops not elsewhere classified
820208Olives	620299pHorticultural Crops not elsewhere classified
820209Ornamentals, Natives, Flowers and Nursery Plants	620209 Ornamentals, Australian Natives and Nursery Plants
	620299pHorticultural Crops not elsewhere classified
820210Pome Fruit, Pip Fruit	620202 Pome Fruit
820211Stone Fruit	620201 Stone Fruit
820212Table Grapes	620204pGrapes
820213Tree Nuts (excl. Almonds and Macadamias)	620207pTree Nuts
820214Tropical Fruit	620205 Tropical Fruit
820215Vegetables	620208 Vegetables
820299Horticultural Crops not elsewhere classified	620299pHorticultural Crops not elsewhere classified
<b>8203 INDUSTRIAL CROPS</b>	
820301Cotton	620107 Cotton
820302Essential Oil Crops (e.g. Tea Tree, Eucalyptus, Lavender, Peppermint, Boronia, Sandalwood)	620199pField Crops not elsewhere classified
820303Plant Extract Crops (e.g. Pyrethrum, Jojoba)	620199pField Crops not elsewhere classified

820304 Sugar  
820305 Tobacco  
820306 Wine Grapes  
820399 Industrial Crops not elsewhere classified  
**8204 SUMMER GRAINS AND OILSEEDS**  
820401 Maize  
820402 Rice  
820403 Safflower Seed  
820404 Sorghum  
820405 Soybeans  
820499 Summer Grains and Oilseeds not elsewhere classified  
**8205 WINTER GRAINS AND OILSEEDS**  
820501 Barley  
820502 Canola  
820503 Grain Legumes  
820504 Linseed  
820505 Lupins  
820506 Oats  
820507 Wheat  
820599 Winter Grains and Oilseeds not elsewhere classified  
**8206 HARVESTING AND PACKING OF PLANT PRODUCTS**  
820601 Cotton Lint and Cotton Seed  
820602 Fresh Fruits and Vegetables (Post Harvest)  
  
820603 Sugar Cane (Cut for Crushing)  
  
820604 Tobacco Leaf  
820605 Unprocessed Grains  
820606 Unprocessed Industrial Crops (excl. Sugar, Tobacco and Cotton)  
820607 Unprocessed Oilseeds  
820699 Harvesting and Packing of Plant Products not elsewhere classified  
**8298 ENVIRONMENTALLY SUSTAINABLE PLANT PRODUCTION**  
829801 Management of Gaseous Waste from Plant Production (excl. Greenhouse Gases)  
  
  
829802 Management of Greenhouse Gas Emissions from Plant Production

620106 Sugar  
620199p Field Crops not elsewhere classified  
620204p Grapes  
620199p Field Crops not elsewhere classified  
  
620104p Other Cereals  
620103 Rice  
620105p Oilseeds  
620104p Other Cereals  
620105p Oilseeds  
620199p Field Crops not elsewhere classified  
  
  
620102 Barley  
620105p Oilseeds  
620108 Grain Legumes  
620105p Oilseeds  
620199p Field Crops not elsewhere classified  
620104p Other Cereals  
620101 Wheat  
620199p Field Crops not elsewhere classified  
  
  
620404 Cotton Lint and Cotton Seed  
620401 Fresh Fruit and Vegetables (Post Harvest)  
620499p Primary Plant Products not elsewhere classified  
620403 Tobacco Leaf  
620402p Unprocessed Cereals  
620499p Primary Plant Products not elsewhere classified  
620402p Unprocessed Cereals  
620499p Primary Plant Products not elsewhere classified  
  
  
620501p Field Crops  
  
620502p Horticultural Crops  
620503p Forestry  
620504p Primary Products from Plants  
620501p Field Crops  
  
620502p Horticultural Crops

829803	Management of Liquid Waste from Plant Production (excl. Water)	620503pForestry 620504pPrimary Products from Plants 620501pField Crops
829804	Management of Solid Waste from Plant Production	620502pHorticultural Crops 620503pForestry 620504pPrimary Products from Plants 620501pField Crops
829805	Management of Water Consumption by Plant Production	620502pHorticultural Crops 620503pForestry 620504pPrimary Products from Plants 620501pField Crops
829899	Environmentally Sustainable Plant Production not elsewhere classified	620502pHorticultural Crops 620503pForestry 620504pPrimary Products from Plants 620501pField Crops
<b>8299 OTHER PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS</b>		
829901	Forest Product Traceability and Quality Assurance	620399pForestry not elsewhere classified
829902	Plant Product Traceability and Quality Assurance (excl. Forest Products)	620499pPrimary Plant Products not elsewhere classified 620199pField Crops not elsewhere classified
829999	Plant Production and Plant Primary Products not elsewhere classified	620299pHorticultural Crops not elsewhere classified 620499pPrimary Plant Products not elsewhere classified 620199pField Crops not elsewhere classified
<b>83 ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS</b>		
<b>8301 FISHERIES - AQUACULTURE</b>		
830101	Aquaculture Crustaceans (excl. Rock Lobster and Prawns)	630303pAquaculture
830102	Aquaculture Fin Fish (excl. Tuna)	630303pAquaculture

830103Aquaculture Molluscs (excl. Oysters)	630303pAquaculture
830104Aquaculture Oysters	630303pAquaculture
830105Aquaculture Prawns	630303pAquaculture
830106Aquaculture Rock Lobster	630303pAquaculture
830107Aquaculture Tuna	630303pAquaculture
830199Fisheries - Aquaculture not elsewhere classified	630303pAquaculture
<b>8302 FISHERIES - WILD CAUGHT</b>	
830201Fisheries - Recreational	630302 Fisheries - Recreational
830202Wild Caught Crustaceans (excl. Rock Lobster and Prawns)	630301pFisheries - Commercial
830203Wild Caught Edible Molluscs	630301pFisheries - Commercial
830204Wild Caught Fin Fish (excl. Tuna)	630301pFisheries - Commercial
830205Wild Caught Prawns	630301pFisheries - Commercial
830206Wild Caught Rock Lobster	630301pFisheries - Commercial
830207Wild Caught Tuna	630301pFisheries - Commercial
830299Fisheries - Wild Caught not elsewhere classified	630301pFisheries - Commercial
	630399pFish not elsewhere classified
<b>8303 LIVESTOCK RAISING</b>	
830301Beef Cattle	630103 Beef Cattle
830302Dairy Cattle	630104 Dairy Cattle
830303Deer	630107pMinor Livestock (e.g. Horses, Goats, Deer)
830304Goats	630107pMinor Livestock (e.g. Horses, Goats, Deer)
830305Game Livestock (e.g. Kangaroos, Wallabies, Camels, Buffaloes, Possums)	630107pMinor Livestock (e.g. Horses, Goats, Deer)
830306Horses	630199pLivestock not elsewhere classified
	630107pMinor Livestock (e.g. Horses, Goats, Deer)
830307Minor Livestock (e.g. Alpacas, Ostriches, Crocodiles, Farmed Rabbits)	630107pMinor Livestock (e.g. Horses, Goats, Deer)
830308Pigs	630105 Pigs
830309Poultry	630106 Poultry
830310Sheep - Meat	630101 Sheep - Meat
830311Sheep - Wool	630102 Sheep - Wool
830399Livestock Raising not elsewhere classified	630199pLivestock not elsewhere classified
<b>8304 PASTURE, BROWSE AND FODDER CROPS</b>	
830401Browse Crops	630203 Browse Crops
830402Lucerne	630201pSown Legumes
830403Native and Residual Pastures	630205pNative Vegetation
830404Non-Cereal Crops for Hay	630204pFodder Crops
830405Non-Cereal Crops for Silage/Green Feed	630204pFodder Crops
830406Sown Pastures (excl. Lucerne)	630202 Sown Grasses
830499Pasture, Browse and Fodder Crops not elsewhere classified	630201pSown Legumes
	630205pNative Vegetation

**8305 PRIMARY ANIMAL PRODUCTS**

830501 Eggs

830502 Honey

830503 Live Animals

830504 Pearls

830505 Raw Wool

830506 Unprocessed or Minimally Processed Fish

830507 Unprocessed or Minimally Processed Milk

830599 Primary Animal Products not elsewhere classified

630299pOther

630499pPrimary Animal Products not elsewhere classified

630499pPrimary Animal Products not elsewhere classified

630499pPrimary Animal Products not elsewhere classified

630499pPrimary Animal Products not elsewhere classified

630403 Raw Wool

630401 Minimally Processed Fish

630499pPrimary Animal Products not elsewhere classified

630402 Minimally Processed Milk

630499pPrimary Animal Products not elsewhere classified

630404 Hides and skins

630499pPrimary Animal Products not elsewhere classified

**8398 ENVIRONMENTALLY SUSTAINABLE ANIMAL PRODUCTION**

839801 Management of Gaseous Waste from Animal Production (excl. Greenhouse Gases)

839802 Management of Greenhouse Gas Emissions from Animal Production

839803 Management of Liquid Waste from Animal Production (excl. Water)

839804 Management of Solid Waste from Animal Production

839805 Management of Water Consumption by Animal Production

630501pLivestock

630502pPasture, Browse and Fodder Crops

630503pFish

630504pPrimary Products from Animals

630501pLivestock

630502pPasture, Browse and Fodder Crops

630503pFish

630504pPrimary Products from Animals

630501pLivestock

630502pPasture, Browse and Fodder Crops

630503pFish

630504pPrimary Products from Animals

630501pLivestock

630502pPasture, Browse and Fodder Crops

839899Environmentally Sustainable Animal Production not elsewhere classified	630503pFish 630504pPrimary Products from Animals 630501pLivestock  630502pPasture, Browse and Fodder Crops 630503pFish 630504pPrimary Products from Animals
<b>8399 OTHER ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS</b>	
839901Animal Welfare	630199pLivestock not elsewhere classified 630399pFish not elsewhere classified 630499pPrimary Animal Products not elsewhere classified
839902Fish Product Traceability and Quality Assurance	630399pFish not elsewhere classified 630499pPrimary Animal Products not elsewhere classified
839903Livestock Product Traceability and Quality Assurance	630199pLivestock not elsewhere classified  630499pPrimary Animal Products not elsewhere classified
839999Animal Production and Animal Primary Products not elsewhere classified	630199pLivestock not elsewhere classified  630299pOther 630399pFish not elsewhere classified 630499pPrimary Animal Products not elsewhere classified
<b>84 MINERAL RESOURCES (EXCL. ENERGY RESOURCES)</b>	
<b>8401 MINERAL EXPLORATION</b>	
840101Aluminium Ore Exploration	640102 Aluminium Ores
840102Copper Ore Exploration	640105pOther Non-Ferrous Ores (e.g. Copper, Zinc)
840103Diamond Exploration	640199pOther Non-Metallic Minerals (incl. Diamonds)
840104Iron Ore Exploration	640101 Iron Ores (i.e. Ferrous Ores)
840105Precious (Noble) Metal Ore Exploration	640103 Precious (Noble) Metal Ores
840106Stone and Clay Exploration	640106 Stone and Clay
840107Titanium Minerals, Zircon, and Rare Earth Metal Ore (e.g. Monazite) Exploration	640104 Titanium Minerals, Zircon, and Rare Earth Metal Ores (e.g. Monazite)
840108Zinc Ore Exploration	640105pOther Non-Ferrous Ores (e.g. Copper, Zinc)
840199Mineral Exploration not elsewhere classified	640105pOther Non-Ferrous Ores (e.g. Copper, Zinc) 640199pOther Non-Metallic Minerals (incl. Diamonds)
<b>8402 PRIMARY MINING AND EXTRACTION OF MINERAL RESOURCES</b>	

840201Mining and Extraction of Aluminium Ores	640202 Aluminium Ores
840202Mining and Extraction of Copper Ores	640205pOther Non-Ferrous Ores (e.g. Copper, Zinc)
840203Mining and Extraction of Diamonds	640299pOther Non-Metallic Minerals (incl. Diamonds)
840204Mining and Extraction of Iron Ores	640201 Iron Ores (i.e. Ferrous Ores)
840205Mining and Extraction of Precious (Noble) Metal Ores	640203 Precious (Noble) Metal Ores
840206Mining and Extraction of Stone and Clay	640206 Stone and Clay
840207Mining and Extraction of Titanium Minerals, Zircon, and Rare Earth Metal Ores (e.g. Monazite)	640204 Titanium Minerals, Zircon, and Rare Earth Metal Ores (e.g. Monazite)
840208Mining and Extraction of Zinc Ores	640205pOther Non-Ferrous Ores (e.g. Copper, Zinc)
840299Primary Mining and Extraction of Mineral Resources not elsewhere classified	640205pOther Non-Ferrous Ores (e.g. Copper, Zinc)
	640299pOther Non-Metallic Minerals (incl. Diamonds)

### **8403 FIRST STAGE TREATMENT OF ORES AND MINERALS**

840301Alumina Production	640302 Alumina Production
840302Beneficiation of Bauxite and Aluminium Ores (excl. Alumina Production)	640303 Other Beneficiation of Bauxite and Aluminium Ores
840303Beneficiation or Dressing of Iron Ores	640301 Beneficiation or Dressing of Iron Ores
840304Beneficiation or Dressing of Non-Metallic Minerals (incl. Diamonds)	640306 Beneficiation or Dressing of Non-Metallic Minerals (incl. Diamonds)
840305Concentrating Processes of Base Metal Ores (excl. Aluminium and Iron Ores)	640304 Concentrating Processes of Other Base Metal Ores
840306Production of Unrefined Precious Metal Ingots and Concentrates	640305 Production of Unrefined Precious Metal Ingots and Concentrates
840399First Stage Treatment of Ores and Minerals not elsewhere classified	640399pOther

### **8498 ENVIRONMENTALLY SUSTAINABLE MINERAL RESOURCE ACTIVITIES**

849801Management of Gaseous Waste From Mineral Resource Activities (excl. Greenhouse Gases)	640401pExploration
	640402pPrimary Mining and Extraction Processes
	640403pFirst Stage Treatment of Ores and Minerals
849802Management of Greenhouse Gas Emissions from Mineral Resource Activities	640401pExploration
	640402pPrimary Mining and Extraction Processes
	640403pFirst Stage Treatment of Ores and Minerals

849803Management of Liquid Waste from Mineral Resource Activities (excl. Water)	640401pExploration
	640402pPrimary Mining and Extraction Processes
	640403pFirst Stage Treatment of Ores and Minerals
849804Management of Solid Waste from Mineral Resource Activities	640401pExploration
	640402pPrimary Mining and Extraction Processes
	640403pFirst Stage Treatment of Ores and Minerals
849805Management of Water Consumption by Mineral Resource Activities	640401pExploration
	640402pPrimary Mining and Extraction Processes
	640403pFirst Stage Treatment of Ores and Minerals
849899Environmentally Sustainable Mineral Resource Activities not elsewhere classified	640401pExploration
	640402pPrimary Mining and Extraction Processes
	640403pFirst Stage Treatment of Ores and Minerals
<b>8499 OTHER MINERAL RESOURCES (EXCL. ENERGY RESOURCES)</b>	
849999Mineral Resources (excl. Energy Resources) not elsewhere classified	640105pOther Non-Ferrous Ores (e.g. Copper, Zinc)
	640199pOther Non-Metallic Minerals (incl. Diamonds)
	640205pOther Non-Ferrous Ores (e.g. Copper, Zinc)
	640299pOther Non-Metallic Minerals (incl. Diamonds)
	640399pOther
<b>85 ENERGY</b>	
<b>8501 ENERGY EXPLORATION</b>	
850101Coal Exploration	650102 Coal
850102Geothermal Exploration	650199pOther
850103Oil and Gas Exploration	650103 Oil and Gas
850104Oil Shale and Tar Sands Exploration	650104 Oil Shale and Tar Sands
850105Uranium Exploration	650101 Uranium
850199Energy Exploration not elsewhere classified	650199pOther
<b>8502 MINING AND EXTRACTION OF ENERGY RESOURCES</b>	
850201Coal Mining and Extraction	650202 Coal

850202Geothermal Energy Extraction	650299pOther
850203Oil and Gas Extraction	650203 Oil and Gas
850204Oil Shale and Tar Sands Mining and Extraction	650204 Oil Shale and Tar Sands
850205Uranium Mining and Extraction	650201 Uranium
850299Mining and Extraction of Energy Resources not elsewhere classified	650299pOther
<b>8503 PREPARATION AND PRODUCTION OF ENERGY SOURCES</b>	
850301Hydrogen Production from Fossil Fuels	659999pOther (e.g. Safety)
850302Hydrogen Production from Nuclear Energy	659999pOther (e.g. Safety)
850303Hydrogen Production from Renewable Energy	659999pOther (e.g. Safety)
850304Oil and Gas Refining	650303 Oil and Gas
	660105pRefined Oil and Gas
850305Preparation of Black Coal	650302pCoal
850306Preparation of Brown Coal (Lignite)	650302pCoal
850307Preparation of Oil Shale and Tar Sands	650304 Oil Shale and Tar Sands
850308Preparation of Uranium	650301 Uranium
850309Production of Biofuels (Biomass)	659999pOther (e.g. Safety)
850399Preparation and Production of Energy Sources not elsewhere classified	650399 Energy Minerals not elsewhere classified
<b>8504 ENERGY TRANSFORMATION</b>	
850401Fuel Cells (excl. Solid Oxide)	660199pEnergy Transformation not elsewhere classified
850402Hydrogen-based Energy Systems (incl. Internal Hydrogen Combustion Engines)	660199pEnergy Transformation not elsewhere classified
850403Nuclear Energy	660104 Nuclear
850404Solid Oxide Fuel Cells	660199pEnergy Transformation not elsewhere classified
850405Transformation of Black Coal into Electricity	660101pCoal - Electricity
850406Transformation of Brown Coal (Lignite) into Electricity	660101pCoal - Electricity
850407Transformation of Coal into Gaseous Fuels	660103pCoal - Other Purposes
850408Transformation of Coal into Liquid Fuels	660102 Coal - Conversion to Liquids
850409Transformation of Gas into Electricity	660105pRefined Oil and Gas
850410Transformation of Gas into Liquid Fuels	660106 Gas - Conversion to Liquid Fuels
850499Energy Transformation not elsewhere classified	660103pCoal - Other Purposes
	660107 Oil Shale and Tar Sands - Conversion to Liquid Fuels
	660199pEnergy Transformation not elsewhere classified
<b>8505 RENEWABLE ENERGY</b>	
850501Biofuel (Biomass) Energy	660299pRenewable Energy not elsewhere classified (e.g. Geothermal)
850502Geothermal Energy	660299pRenewable Energy not elsewhere classified (e.g. Geothermal)

850503Hydro-Electric Energy	660201 Hydro-Electric
850504Solar-Photovoltaic Energy	660205 Solar-Photoelectric
850505Solar-Thermal Electric Energy	660206 Solar-Thermal Electric
850506Solar-Thermal Energy	660204 Solar-Thermal
850507Tidal Energy	660203pOcean
850508Wave Energy	660203pOcean
850509Wind Energy	660202 Wind
850599Renewable Energy not elsewhere classified	660299pRenewable Energy not elsewhere classified (e.g. Geothermal)
<b>8506 ENERGY STORAGE, DISTRIBUTION AND SUPPLY</b>	
850601Energy Services and Utilities	710101 Electricity Services and Utilities
	710102 Gas Services and Utilities
850602Energy Storage (excl. Hydrogen)	660303pEnergy Storage
850603Energy Systems Analysis	660304 Energy Systems Analysis
850604Energy Transmission and Distribution (excl. Hydrogen)	660301 Electricity Transmission
	660302 Gas Distribution
850605Hydrogen Distribution	660399pEnergy Distribution not elsewhere classified
850606Hydrogen Storage	660303pEnergy Storage
850699Energy Storage, Distribution and Supply not elsewhere classified	660399pEnergy Distribution not elsewhere classified
<b>8507 ENERGY CONSERVATION AND EFFICIENCY</b>	
850701Commercial Energy Conservation and Efficiency	660402pResidential and Commercial
850702Energy Conservation and Efficiency in Transport	660403 Transport
850703Industrial Energy Conservation and Efficiency	660401 Industry
850704Residential Energy Conservation and Efficiency	660402pResidential and Commercial
850799Energy Conservation and Efficiency not elsewhere classified	660499 Other
<b>8598 ENVIRONMENTALLY SUSTAINABLE ENERGY ACTIVITIES</b>	
859801Management of Gaseous Waste from Energy Activities (excl. Greenhouse Gases)	650401pExploration
	650402pMining and Extraction
	650403pPreparation and Supply of Energy Source Minerals
	660501pEnergy Transformation
	660502pRenewable Energy
	660503pEnergy Storage and Distribution
	660504pConservation and Efficiency
859802Management of Greenhouse Gas Emissions from Electricity Generation	660501pEnergy Transformation

859803	Management of Greenhouse Gas Emissions from Energy Activities (excl. Electricity Generation)	660502pRenewable Energy
		650401pExploration
859804	Management of Liquid Waste from Energy Activities (excl. Water)	650402pMining and Extraction
		650403pPreparation and Supply of Energy Source Minerals
		660503pEnergy Storage and Distribution
		660504pConservation and Efficiency
		650401pExploration
859805	Management of Solid Waste from Energy Activities	650402pMining and Extraction
		650403pPreparation and Supply of Energy Source Minerals
		660501pEnergy Transformation
		660502pRenewable Energy
		660503pEnergy Storage and Distribution
		660504pConservation and Efficiency
859806	Management of Water Consumption by Energy Activities	650401pExploration
859899	Environmentally Sustainable Energy Activities not elsewhere classified	650402pMining and Extraction
		650403pPreparation and Supply of Energy Source Minerals
		660501pEnergy Transformation
		660502pRenewable Energy
		660503pEnergy Storage and Distribution
		660504pConservation and Efficiency
8599	OTHER ENERGY	650401pExploration
		650402pMining and Extraction
		650403pPreparation and Supply of Energy Source Minerals
		660501pEnergy Transformation
		660502pRenewable Energy
		660503pEnergy Storage and Distribution
		660504pConservation and Efficiency

859999Energy not elsewhere classified

659999pOther (e.g. Safety)

669999pOther

## **86 MANUFACTURING**

### **8601 PROCESSED FOOD PRODUCTS AND BEVERAGES (EXCL. DAIRY PRODUCTS)**

860101Bakery Products

670107pGrain Mill Products, Starch and Starch Products (incl. Sugar, Bakery Products)

860102Beverages (excl. Fruit Juices)

670108 Beverages (e.g. Alcohol, Wines, Soft Drinks, excl. Fruit Juices)

860103Carcass Meat (incl. Fish and Seafood)

670101 Carcass Meat

860104Flour Mill and Cereal Food

670107pGrain Mill Products, Starch and Starch Products (incl. Sugar, Bakery Products)

860105Nutraceuticals and Functional foods

670199pProcessed Food Products and Beverages not elsewhere classified

860106Oils and Fats (incl. Margarines)

670106 Oils and Fats (incl. Margarines)

860107Processed Fish and Seafood Products

670103 Fish Products

860108Processed Fruit and Vegetable Products (incl. Fruit Juices)

670104 Fruit and Vegetable Products (incl. Fruit Juices)

860109Processed Meat Products

670102 Meat Products

860110Soy Products

670199pProcessed Food Products and Beverages not elsewhere classified

860111Sugar and Confectionery Products

670107pGrain Mill Products, Starch and Starch Products (incl. Sugar, Bakery Products)

860199Processed Food Products and Beverages (excl. Dairy Products) not elsewhere classified

670199pProcessed Food Products and Beverages not elsewhere classified

### **8602 DAIRY PRODUCTS**

860201Butter and Milk-Derived Fats and Oils (excl. Cream)

670105pDairy Products

860202Casein

670105pDairy Products

860203Cheese

670105pDairy Products

860204Processed Milk and Cream (incl. Powder, Evaporated and Condensed)

670105pDairy Products

860205Whey

670105pDairy Products

860299Dairy Products not elsewhere classified

670105pDairy Products

### **8603 PROCESSED NON-FOOD AGRICULTURE PRODUCTS (EXCL. WOOD, PAPER AND FIBRE)**

860301Essential Oils (e.g. Tea Tree, Eucalyptus, Lavender, Peppermint, Boronia, Sandalwood)

671699pManufactured Products not elsewhere classified

860302Organic Fertilisers

671699pManufactured Products not elsewhere classified

860303Plant Extracts (e.g. Pyrethrum, Alkaloids, Jojoba Oil)

671699pManufactured Products not elsewhere classified

860304Prepared Animal Feed

671699pManufactured Products not elsewhere classified

860399Processed Non-Food Agricultural Products (excl. Wood, Paper and Fibre) not elsewhere

671601 Tobacco Products

classified

671699p Manufactured Products not elsewhere  
classified

**8604 LEATHER PRODUCTS, FIBRE PROCESSING  
AND TEXTILES**

860401 Clothing  
860402 Cotton Ginning  
860403 Natural Fibres, Yarns and Fabrics  
860404 Non-Fabric Textiles (e.g. Felt)  
860405 Processed Skins, Leather and Leather  
Products  
860406 Synthetic Fibres, Yarns and Fabrics  
860407 Wool Scouring and Top Making  
860499 Leather Products, Fibre Processing and  
Textiles not elsewhere classified

670207 Clothing  
670201 Cotton Ginning  
670203 Natural Fibres, Yarns and Fabrics  
670205p Other Fibre Processing and Textiles  
670206 Processed Skins, Leather and Leather  
Products not elsewhere classified  
670204 Synthetic Fibres, Yarns and Fabrics  
670202 Wool Scouring and Top Making  
670205p Other Fibre Processing and Textiles

670208 Footwear  
670299 Other

**8605 WOOD, WOOD PRODUCTS AND PAPER**

860501 Paper Products (incl. Coated Paper)  
  
860502 Printing and Publishing Processes  
860503 Pulp and Paper  
860504 Reconstituted Timber Products (e.g.  
Chipboard, Particleboard)  
860505 Wood Sawing and Veneer  
  
860599 Wood, Wood Products and Paper not  
elsewhere classified

670307 Paper Products  
670399p Other  
670308 Printing and Publishing Processes  
670303 Pulp and Paper  
670304 Reconstituted Timber Products (e.g.  
Chipboard, Particleboard)  
670301 Hardwood Sawing and Veneer  
670302 Softwood Sawing and Veneer  
670305 Woodchips  
  
670306 Wood Products not elsewhere  
classified  
670399p Other

**8606 INDUSTRIAL CHEMICALS AND RELATED  
PRODUCTS**

860601 Industrial Gases  
860602 Inorganic Industrial Chemicals  
860603 Lubricants  
860604 Organic Industrial Chemicals (excl. Resins,  
Rubber and Plastics)  
860605 Paints  
860606 Plastics in Primary Forms  
860607 Plastic Products (incl. Construction Materials)  
  
860608 Rubber and Synthetic Resins  
  
860609 Soaps and Cosmetics  
860699 Industrial Chemicals and Related Products not

670701 Industrial Gases  
670707 Inorganic Industrial Chemicals  
670711 Lubricants  
670706 Organic Industrial Chemicals not  
elsewhere classified  
670708 Paints  
670704 Plastics in Primary Forms  
670705 Plastic Products (incl. Construction  
Materials)  
670702 Synthetic Resins and Rubber  
670703 Rubber Products  
670709 Soaps and Cosmetics  
670710 Bituminous Products

elsewhere classified

670799 Other

**8607 AGRICULTURAL CHEMICALS**

860701 Animal Protection Chemicals

670602pCrop and Animal Protection Chemicals

860702 Chemical Fertilisers

670601 Chemical Fertilisers

860703 Crop Protection Chemicals

670602pCrop and Animal Protection Chemicals

860799 Agricultural Chemicals not elsewhere classified

670699 Agricultural Chemicals not elsewhere classified

**8608 HUMAN PHARMACEUTICAL PRODUCTS**

860801 Human Biological Preventatives (e.g. Vaccines)

670401 Prevention - Biologicals (e.g. Vaccines)

860802 Human Diagnostics

670402 Diagnostics

860803 Human Pharmaceutical Treatments (e.g. Antibiotics)

670403 Treatments (e.g. Chemicals, Antibiotics)

860899 Human Pharmaceutical Products not elsewhere classified

670499 Other

**8609 VETERINARY PHARMACEUTICAL PRODUCTS**

860901 Veterinary Biological Preventatives (e.g. Vaccines)

670501 Prevention - Biologicals (e.g. Vaccines)

860902 Veterinary Diagnostics

670502 Diagnostics

860903 Veterinary Pharmaceutical Treatments (e.g. Antibiotics)

670503 Treatments (e.g. Chemicals, Antibiotics)

860999 Veterinary Pharmaceutical Products not elsewhere classified

670599 Other (incl. Production Enhancement)

**8610 CERAMICS, GLASS AND INDUSTRIAL MINERAL PRODUCTS**

861001 Cement Products and Concrete Materials

670904 Cement and Concrete Materials

861002 Ceramics

670901 Ceramics

861003 Clay Products

670903 Clay Products

861004 Plaster and Plaster Products

670999pCeramics, Glass and Industrial Mineral Products not elsewhere classified

861005 Structural Glass and Glass Products

670902 Structural Glass and Glass Products

861099 Ceramics, Glass and Industrial Mineral Products not elsewhere classified

670999pCeramics, Glass and Industrial Mineral Products not elsewhere classified

**8611 BASIC METAL PRODUCTS (INCL. SMELTING, ROLLING, DRAWING AND EXTRUDING)**

861101 Basic Aluminium Products

670802 Aluminium

861102 Basic Copper Products

670899pOther Non-Ferrous Metals (e.g. Copper, Zinc)

861103 Basic Iron and Steel Products

670801 Iron and Steel (e.g. Ingots, Bars, Rods, Shapes and Sections)

861104 Basic Precious Metal Products

670803 Precious Metals (e.g. Refined Bullion, Wire and Strip)

861105 Basic Zinc Products

670899pOther Non-Ferrous Metals (e.g. Copper, Zinc)

861199Basic Metal Products (incl. Smelting, Rolling, Drawing and Extruding) not elsewhere classified	670899pOther Non-Ferrous Metals (e.g. Copper, Zinc)
<b>8612 FABRICATED METAL PRODUCTS</b>	
861201Coated Metal and Metal-Coated Products	671099pFabricated Metal Products not elsewhere classified
861202Machined Metal Products	671005 Machined Products
861203Metal Castings	671004 Castings
861204Semi-Finished Metal Products	671003 Semi-Finished Metal Products
861205Sheet Metal Products	671002 Sheet Metal Products
861206Structural Metal Products	671001 Structural Metal Products
861299Fabricated Metal Products not elsewhere classified	671099pFabricated Metal Products not elsewhere classified
<b>8613 TRANSPORT EQUIPMENT</b>	
861301Aerospace Equipment	671104 Aerospace Equipment
861302Automotive Equipment	671101 Automotive Equipment
861303Nautical Equipment (excl. Yachts)	671103pNautical Equipment
861304Rail Equipment	671102 Rail Equipment
861305Yachts	671103pNautical Equipment
861399Transport Equipment not elsewhere classified	671199 Transport Equipment not elsewhere classified
<b>8614 MACHINERY AND EQUIPMENT</b>	
861401Agricultural Machinery and Equipment	671501 Agricultural Machinery and Equipment
861402Appliances and Electrical Machinery and Equipment	671503 Appliances and Electrical Machinery and Equipment
861403Industrial Machinery and Equipment	671504 Industrial Machinery and Equipment
861404Mining Machinery and Equipment	671502 Mining Machinery and Equipment
861499Machinery and Equipment not elsewhere classified	671505 Construction Machinery and Equipment
	671599 Machinery and Equipment not elsewhere classified
<b>8615 INSTRUMENTATION</b>	
861501Industrial Instruments	671403 Industrial Instrumentation
861502Medical Instruments	671402 Medical Instrumentation
861503Scientific Instruments	671401 Scientific Instrumentation
861599Instrumentation not elsewhere classified	671404 Photographic Equipment
	671499 Instrumentation not elsewhere classified
<b>8616 COMPUTER HARDWARE AND ELECTRONIC EQUIPMENT</b>	
861601Computer and Electronic Office Equipment	671204 Electronic Office Equipment
	671205 Computer Equipment
861602Consumer Electronic Equipment (excl. Communication Equipment)	671299pComputer Hardware and Electronic Equipment not elsewhere classified
861603Integrated Circuits and Devices	671201 Integrated Circuits and Devices
861604Integrated Systems	671206 Integrated Systems

861605Processor Modules	671202 Modules - Special and Attached Processors
	671203 Modules - Other Processes
861606Satellite Navigation Equipment	671299pComputer Hardware and Electronic Equipment not elsewhere classified
861699Computer Hardware and Electronic Equipment not elsewhere classified	671299pComputer Hardware and Electronic Equipment not elsewhere classified
<b>8617 COMMUNICATION EQUIPMENT</b>	
861701Network Infrastructure Equipment	671305 Network Transmission Equipment
	671306 Network Switching Equipment
861702Telemetry Equipment	671399pCommunication Equipment not elsewhere classified
861703Voice and Data Equipment	671303 Voice Equipment
	671304 Data, Image and Text Equipment
861799Communication Equipment not elsewhere classified	671301 Broadcasting Equipment
	671302 Postal Equipment
	671399pCommunication Equipment not elsewhere classified
<b>8698 ENVIRONMENTALLY SUSTAINABLE MANUFACTURING</b>	
869801Management of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)	671701pProcessed Food Products and Beverages
	671702pFibre Processing and Textiles; Footwear and Leather Products
	671703pWood, Wood Products and Paper
	671704pHuman Pharmaceutical Products
	671705pVeterinary Pharmaceutical Products
	671706pAgricultural Chemicals
	671707pIndustrial Chemicals and Related Products
	671708pBasic Metal Products (incl. Smelting)
	671709pCeramics, Glass and Industrial Mineral Products not elsewhere classified
	671710pFabricated Metal Products
	671711pTransport Equipment
	671712pComputer Hardware and Electronic Equipment
	671713pCommunication Equipment
	671714pInstrumentation
	671715pMachinery and Equipment
	671716pOther Manufactured Products
869802Management of Greenhouse Gas Emissions from Manufacturing Activities	671701pProcessed Food Products and Beverages
	671702pFibre Processing and Textiles;

	Footwear and Leather Products
	671703pWood, Wood Products and Paper
	671704pHuman Pharmaceutical Products
	671705pVeterinary Pharmaceutical Products
	671706pAgricultural Chemicals
	671707pIndustrial Chemicals and Related Products
	671708pBasic Metal Products (incl. Smelting)
	671709pCeramics, Glass and Industrial Mineral Products not elsewhere classified
	671710pFabricated Metal Products
	671711pTransport Equipment
	671712pComputer Hardware and Electronic Equipment
	671713pCommunication Equipment
	671714pInstrumentation
	671715pMachinery and Equipment
	671716pOther Manufactured Products
869803Management of Liquid Waste from Manufacturing Activities (excl. Water)	671701pProcessed Food Products and Beverages
	671702pFibre Processing and Textiles; Footwear and Leather Products
	671703pWood, Wood Products and Paper
	671704pHuman Pharmaceutical Products
	671705pVeterinary Pharmaceutical Products
	671706pAgricultural Chemicals
	671707pIndustrial Chemicals and Related Products
	671708pBasic Metal Products (incl. Smelting)
	671709pCeramics, Glass and Industrial Mineral Products not elsewhere classified
	671710pFabricated Metal Products
	671711pTransport Equipment
	671712pComputer Hardware and Electronic Equipment
	671713pCommunication Equipment
	671714pInstrumentation
	671715pMachinery and Equipment
	671716pOther Manufactured Products
869804Management of Solid Waste from Manufacturing Activities	671701pProcessed Food Products and Beverages
	671702pFibre Processing and Textiles; Footwear and Leather Products
	671703pWood, Wood Products and Paper
	671704pHuman Pharmaceutical Products
	671705pVeterinary Pharmaceutical Products

	671706pAgricultural Chemicals
	671707pIndustrial Chemicals and Related Products
	671708pBasic Metal Products (incl. Smelting)
	671709pCeramics, Glass and Industrial Mineral Products not elsewhere classified
	671710pFabricated Metal Products
	671711pTransport Equipment
	671712pComputer Hardware and Electronic Equipment
	671713pCommunication Equipment
	671714pInstrumentation
	671715pMachinery and Equipment
	671716pOther Manufactured Products
869805Management of Water Consumption by Manufacturing Activities	671701pProcessed Food Products and Beverages
	671702pFibre Processing and Textiles; Footwear and Leather Products
	671703pWood, Wood Products and Paper
	671704pHuman Pharmaceutical Products
	671705pVeterinary Pharmaceutical Products
	671706pAgricultural Chemicals
	671707pIndustrial Chemicals and Related Products
	671708pBasic Metal Products (incl. Smelting)
	671709pCeramics, Glass and Industrial Mineral Products not elsewhere classified
	671710pFabricated Metal Products
	671711pTransport Equipment
	671712pComputer Hardware and Electronic Equipment
	671713pCommunication Equipment
	671714pInstrumentation
	671715pMachinery and Equipment
	671716pOther Manufactured Products
869899Environmentally Sustainable Manufacturing not elsewhere classified	671701pProcessed Food Products and Beverages
	671702pFibre Processing and Textiles; Footwear and Leather Products
	671703pWood, Wood Products and Paper
	671704pHuman Pharmaceutical Products
	671705pVeterinary Pharmaceutical Products
	671706pAgricultural Chemicals
	671707pIndustrial Chemicals and Related Products
	671708pBasic Metal Products (incl. Smelting)

	671709pCeramics, Glass and Industrial Mineral Products not elsewhere classified
	671710pFabricated Metal Products
	671711pTransport Equipment
	671712pComputer Hardware and Electronic Equipment
	671713pCommunication Equipment
	671714pInstrumentation
	671715pMachinery and Equipment
	671716pOther Manufactured Products
<b>8699 OTHER MANUFACTURING</b>	
869901Furniture	671602 Furniture
869999Manufacturing not elsewhere classified	671603 Prefabricated Buildings
	671699pManufactured Products not elsewhere classified
<b>87 CONSTRUCTION</b>	
<b>8701 CONSTRUCTION PLANNING</b>	
870101Civil Construction Planning	680103 Civil
870102Commercial Construction Planning	680102 Commercial
870103Regional Planning	680199pOther
	750804 Regional Planning
870104Residential Construction Planning	680101 Housing
870105Urban Planning	680199pOther
	750803 Urban Planning
870199Construction Planning not elsewhere classified	680104 Industrial
	680199pOther
<b>8702 CONSTRUCTION DESIGN</b>	
870201Civil Construction Design	680203 Civil
870202Commercial Construction Design	680202 Commercial
870203Industrial Construction Design	680204 Industrial
870204Residential Construction Design	680201 Housing
870299Construction Design not elsewhere classified	680299pOther
<b>8703 CONSTRUCTION MATERIALS PERFORMANCE AND PROCESSES</b>	
870301Cement and Concrete Materials	680302 Cement and Concrete Materials
870302Metals (e.g. Composites, Coatings, Bonding)	680305 Metals (Composites, Coatings, Bonding, etc.)
	680303 Polymeric Materials (e.g. Paints)
870303Polymeric Materials (e.g. Paints)	680301 Stone, Ceramics and Clay Materials
870304Stone, Ceramics and Clay Materials	680304 Timber Materials
870305Timber Materials	680399pOther
870399Construction Materials Performance and Processes not elsewhere classified	
<b>8704 CONSTRUCTION PROCESSES</b>	
870401Civil Construction Processes	680403 Civil
870402Commercial Construction Processes	680402 Commercial
870403Industrial Construction Processes	680404 Industrial

870404Residential Construction Processes	680401 Housing
870499Construction Processes not elsewhere classified	680499pOther
<b>8705 BUILDING MANAGEMENT AND SERVICES</b>	
870501Civil Building Management and Services	680503 Civil
870502Commercial Building Management and Services	680502 Commercial
870503Residential Building Management and Services	680501 Housing
870599Building Management and Services not elsewhere classified	680504 Industrial
	680599pOther
<b>8798 ENVIRONMENTALLY SUSTAINABLE CONSTRUCTION</b>	
879801Management of Gaseous Waste from Construction Activities (excl. Greenhouse Gases)	680601pPlanning
	680602pDesign
	680603pMaterials Performance and Processes
	680604pConstruction Processes
	680605pBuilding Management and Services
879802Management of Greenhouse Gas Emissions from Construction Activities	680601pPlanning
	680602pDesign
	680603pMaterials Performance and Processes
	680604pConstruction Processes
	680605pBuilding Management and Services
879803Management of Liquid Waste from Construction Activities (excl. Water)	680601pPlanning
	680602pDesign
	680603pMaterials Performance and Processes
	680604pConstruction Processes
	680605pBuilding Management and Services
879804Management of Solid Waste from Construction Activities	680601pPlanning
	680602pDesign
	680603pMaterials Performance and Processes
	680604pConstruction Processes
	680605pBuilding Management and Services
879805Management of Water Consumption by Construction Activities	680601pPlanning
	680602pDesign
	680603pMaterials Performance and Processes
	680604pConstruction Processes
	680605pBuilding Management and Services
879899Environmentally Sustainable Construction not	680601pPlanning

elsewhere classified	680602pDesign
	680603pMaterials Performance and Processes
	680604pConstruction Processes
	680605pBuilding Management and Services
<b>8799 OTHER CONSTRUCTION</b>	
879999Construction not elsewhere classified	680199pOther
	680299pOther
	680399pOther
	680499pOther
	680599pOther
<b>88 TRANSPORT</b>	
<b>8801 GROUND TRANSPORT</b>	
880101Rail Freight	690103pRail Transport
880102Rail Infrastructure and Networks	690103pRail Transport
	690199pGround Transport not elsewhere classified
880103Rail Passenger Movements	690103pRail Transport
880104Rail Safety	690103pRail Transport
	690199pGround Transport not elsewhere classified
880105Road Freight	690102pOther Road Transport
880106Road Infrastructure and Networks	690102pOther Road Transport
	690199pGround Transport not elsewhere classified
880107Road Passenger Movements (excl. Public Transport)	690102pOther Road Transport
880108Road Public Transport	690102pOther Road Transport
880109Road Safety	690101 Road Safety
880199Ground Transport not elsewhere classified	690199pGround Transport not elsewhere classified
<b>8802 WATER TRANSPORT</b>	
880201Coastal Sea Freight Transport	690202pCoastal Water Transport
880202International Sea Freight Transport (excl. Live Animal Transport)	690201pInternational Sea Transport
880203International Sea Transport of Live Animals	690201pInternational Sea Transport
880204Passenger Water Transport	690201pInternational Sea Transport
	690202pCoastal Water Transport
	690203pInland Water Transport
880205Port Infrastructure and Management	690499pTransport not elsewhere classified
880206Water Safety	690201pInternational Sea Transport
	690202pCoastal Water Transport
	690203pInland Water Transport
	690499pTransport not elsewhere classified
880299Water Transport not elsewhere classified	690499pTransport not elsewhere classified
<b>8803 AEROSPACE TRANSPORT</b>	

880301	Air Freight	690301p	Air Transport
880302	Air Passenger Transport	690301p	Air Transport
880303	Air Safety	690301p	Air Transport
		690499p	Transport not elsewhere classified
880304	Air Terminal Infrastructure and Management	690499p	Transport not elsewhere classified
880305	Space Transport	690302	Space Transport
880399	Aerospace Transport not elsewhere classified	690499p	Transport not elsewhere classified
<b>8898 ENVIRONMENTALLY SUSTAINABLE TRANSPORT</b>			
889801	Management of Gaseous Waste from Transport Activities (excl. Greenhouse Gases)	690501p	Ground Transport
		690502p	Water Transport
		690503p	Air Transport
		690504p	Other Transport
889802	Management of Greenhouse Gas Emissions from Transport Activities	690501p	Ground Transport
		690502p	Water Transport
		690503p	Air Transport
		690504p	Other Transport
889803	Management of Liquid Waste from Transport Activities (excl. Water)	690501p	Ground Transport
		690502p	Water Transport
		690503p	Air Transport
		690504p	Other Transport
889804	Management of Noise and Vibration from Transport Activities	690501p	Ground Transport
		690502p	Water Transport
		690503p	Air Transport
		690504p	Other Transport
889805	Management of Solid Waste from Transport Activities	690501p	Ground Transport
		690502p	Water Transport
		690503p	Air Transport
		690504p	Other Transport
889806	Management of Water Consumption by Transport Activities	690501p	Ground Transport
		690502p	Water Transport
		690503p	Air Transport
		690504p	Other Transport
889899	Environmentally Sustainable Transport not elsewhere classified	690501p	Ground Transport
		690502p	Water Transport
		690503p	Air Transport
		690504p	Other Transport
<b>8899 OTHER TRANSPORT</b>			
889901	Intermodal Materials Handling	690402	Intermodal Materials Handling

889902Multimodal Transport	690401 Multimodal Transport
889903Pipeline Transport	690499pTransport not elsewhere classified
889904Postal and Package Services (incl. Courier Services)	690499pTransport not elsewhere classified
	700303 Postal Communications
889999Transport not elsewhere classified	690499pTransport not elsewhere classified
<b>89 INFORMATION AND COMMUNICATION SERVICES</b>	
<b>8901 COMMUNICATION NETWORKS AND SERVICES</b>	
890101Fixed Line Data Networks and Services	700302pTelecommunications
890102Fixed Line Telephone Networks and Services	700302pTelecommunications
890103Mobile Data Networks and Services	700302pTelecommunications
890104Mobile Telephone Networks and Services	700302pTelecommunications
890105Satellite Communication Networks and Services	700302pTelecommunications
890106Videoconference Services	700399pCommunication Services not elsewhere classified
	700399pCommunication Services not elsewhere classified
890199Communication Networks and Services not elsewhere classified	
<b>8902 COMPUTER SOFTWARE AND SERVICES</b>	
890201Application Software Packages (excl. Computer Games)	700101pApplication Packages
890202Application Tools and System Utilities	700102 Application Tools and System Utilities
890203Computer Gaming Software	700101pApplication Packages
890204Computer Time Leasing, Sharing and Renting Services	700199pComputer Software and Services not elsewhere classified
890205Information Processing Services (incl. Data Entry and Capture)	700103 Information Processing Services
890206Internet Hosting Services (incl. Application Hosting Services)	700199pComputer Software and Services not elsewhere classified
890299Computer Software and Services not elsewhere classified	700199pComputer Software and Services not elsewhere classified
<b>8903 INFORMATION SERVICES</b>	
890301Electronic Information Storage and Retrieval Services	700299pInformation Services not elsewhere classified
890302Library and Archival Services	700201 Library and Related Information Services
890303News Collection Services	700299pInformation Services not elsewhere classified
890399Information Services not elsewhere classified	700299pInformation Services not elsewhere classified
<b>8904 MEDIA SERVICES</b>	
890401Animation and Computer Generated Imagery Services	700399pCommunication Services not elsewhere classified
890402Film and Video Services (excl. Animation and Computer Generated Imagery)	700399pCommunication Services not elsewhere classified
890403Internet Broadcasting	700301pBroadcasting

890404Publishing and Print Services (incl. Internet Publishing)	700399pCommunication Services not elsewhere classified
890405Radio and Television Broadcasting	700301pBroadcasting
890499Media Services not elsewhere classified	700399pCommunication Services not elsewhere classified

## **8998 ENVIRONMENTALLY SUSTAINABLE INFORMATION AND COMMUNICATION SERVICES**

899801Management of Greenhouse Gas Emissions from Information and Communication Services	700401pPrevention and Treatment of Pollution
899802Management of Solid Waste from Information and Communication Services	700401pPrevention and Treatment of Pollution
899803Management of Water Consumption by Information and Communication Services	700401pPrevention and Treatment of Pollution
899899Environmentally Sustainable Information and Communication Services not elsewhere classified	700401pPrevention and Treatment of Pollution

## **8999 OTHER INFORMATION AND COMMUNICATION SERVICES**

899999Information and Communication Services not elsewhere classified	700199pComputer Software and Services not elsewhere classified
	700299pInformation Services not elsewhere classified
	700399pCommunication Services not elsewhere classified

## **90 COMMERCIAL SERVICES AND TOURISM**

### **9001 FINANCIAL SERVICES**

900101Finance Services	710401pFinance and Investment Services
900102Investment Services (excl. Superannuation)	710401pFinance and Investment Services
900103Superannuation and Insurance Services	710402pInsurance Services
900199Financial Services not elsewhere classified	710401pFinance and Investment Services

### **9002 PROPERTY, BUSINESS SUPPORT SERVICES AND TRADE**

900201Administration and Business Support Services	710403pProperty and Business Services
	710699pCommercial Services not elsewhere classified
900202Professional, Scientific and Technical Services	710699pCommercial Services not elsewhere classified
900203Property Services (incl. Security)	710403pProperty and Business Services
	710603 Commercial Security Services
900204Wholesale and Retail Trade	710301 Wholesale Trade
	710302 Retail Trade
900299Property, Business Support Services and Trade not elsewhere classified	710699pCommercial Services not elsewhere classified

### **9003 TOURISM**

900301Economic Issues in Tourism	710501 Economic Issues
900302Socio-Cultural Issues in Tourism	710502 Socio-Cultural Issues
900303Tourism Infrastructure Development	710503 Tourism Infrastructure Development

900399	Tourism not elsewhere classified	710599	Tourism not elsewhere classified
<b>9004</b>	<b>WATER AND WASTE SERVICES</b>		
900401	Waste Management Services	710201	Waste Management
900402	Waste Recycling Services	710202	Recycling
900403	Water Recycling Services (incl. Sewage and Greywater)	710103p	Water Services and Utilities
900404	Water Services and Utilities	710103p	Water Services and Utilities
900499	Water and Waste Services not elsewhere classified	710299	Other
<b>9098</b>	<b>ENVIRONMENTALLY SUSTAINABLE COMMERCIAL SERVICES AND TOURISM</b>		
909801	Management of Gaseous Waste from Commercial Services and Tourism (excl. Greenhouse Gases)	710701p	Electricity, Gas and Water Services and Utilities
		710702p	Waste Management and Recycling
		710703p	Wholesale and Retail Trade
		710704p	Finance, Property and Business Services
		710705p	Tourism
		710706p	Other Commercial Services
909802	Management of Greenhouse Gas Emissions from Commercial Services and Tourism	710701p	Electricity, Gas and Water Services and Utilities
		710702p	Waste Management and Recycling
		710703p	Wholesale and Retail Trade
		710704p	Finance, Property and Business Services
		710705p	Tourism
		710706p	Other Commercial Services
909803	Management of Liquid Waste from Commercial Services and Tourism (excl. Water)	710701p	Electricity, Gas and Water Services and Utilities
		710702p	Waste Management and Recycling
		710703p	Wholesale and Retail Trade
		710704p	Finance, Property and Business Services
		710705p	Tourism
		710706p	Other Commercial Services
909804	Management of Solid Waste from Commercial Services and Tourism	710701p	Electricity, Gas and Water Services and Utilities
		710702p	Waste Management and Recycling
		710703p	Wholesale and Retail Trade
		710704p	Finance, Property and Business Services
		710705p	Tourism
		710706p	Other Commercial Services
909805	Management of Water Consumption by Commercial Services and Tourism	710701p	Electricity, Gas and Water Services and Utilities
		710702p	Waste Management and Recycling

909899Environmentally Sustainable Commercial  
Services and Tourism not elsewhere classified

710703pWholesale and Retail Trade  
710704pFinance, Property and Business  
Services  
710705pTourism  
710706pOther Commercial Services  
710701pElectricity, Gas and Water Services  
and Utilities  
710702pWaste Management and Recycling  
710703pWholesale and Retail Trade  
710704pFinance, Property and Business  
Services  
710705pTourism  
710706pOther Commercial Services

**9099 OTHER COMMERCIAL SERVICES AND  
TOURISM**

909901Hospitality Services  
909902Recreational Services  
909999Commercial Services and Tourism not elsewhere  
classified

710602 Hospitality Services  
710601 Recreational Services  
710699pCommercial Services not elsewhere  
classified

**91 ECONOMIC FRAMEWORK**

**9101 MACROECONOMICS**

910101Balance of Payments  
910102Demography

910103Economic Growth

910104Exchange Rates  
910105Fiscal Policy  
910106Income Distribution  
910107Macro Labour Market Issues

910108Monetary Policy  
910109Savings and Investments

910110Taxation  
910199Macroeconomics not elsewhere classified

720104 Balance of Payments  
720199pMacroeconomic Issues not  
elsewhere classified  
720199pMacroeconomic Issues not  
elsewhere classified  
720103 Exchange Rates  
720101 Fiscal Policy  
720105 Income Distribution  
720199pMacroeconomic Issues not  
elsewhere classified  
720102 Monetary Policy  
720199pMacroeconomic Issues not  
elsewhere classified  
720106 Taxation  
720199pMacroeconomic Issues not  
elsewhere classified

**9102 MICROECONOMICS**

910201Consumption  
910202Human Capital Issues

910203Industrial Organisations  
910204Industry Costs and Structure  
910205Industry Policy  
910206Market-Based Mechanisms

720202 Consumption  
720299pMicroeconomic Issues not  
elsewhere classified  
720203 Industrial Organisations  
720205 Industry Costs and Structure  
720204 Industry Policy  
720299pMicroeconomic Issues not  
elsewhere classified

910207Microeconomic Effects of Taxation

910208Micro Labour Market Issues

910209Preference, Behaviour and Welfare

910210Production

910211Supply and Demand

910299Microeconomics not elsewhere classified

### **9103 INTERNATIONAL TRADE**

910301International Agreements on Trade

910302Trade Assistance and Protection

910303Trade Policy

910399International Trade not elsewhere classified

### **9104 MANAGEMENT AND PRODUCTIVITY**

910401Industrial Relations

910402Management

910403Marketing

910404Productivity (excl. Public Sector)

910405Public Sector Productivity

910406Technological and Organisational Innovation

910499Management and Productivity not elsewhere  
classified

### **9105 MEASUREMENT STANDARDS AND CALIBRATION SERVICES**

910501Agricultural and Environmental Standards

910502Defence Standards and Calibrations

910503Manufacturing Standards and Calibrations

910504Service Industries Standards and Calibrations

910599Measurement Standards and Calibration Services  
not elsewhere classified

### **9199 OTHER ECONOMIC FRAMEWORK**

919901Carbon and Emissions Trading

919902Ecological Economics

720201 Microeconomic Effects of Taxation

720299pMicroeconomic Issues not  
elsewhere classified

720299pMicroeconomic Issues not  
elsewhere classified

720299pMicroeconomic Issues not  
elsewhere classified

720299pMicroeconomic Issues not  
elsewhere classified

720299pMicroeconomic Issues not  
elsewhere classified

720303 International Agreements on Trade

720302 Assistance and Protection

720301 Trade Policy

720399 International Trade Issues not  
elsewhere classified

720402 Industrial Relations

720403 Management

720401 Marketing

720404 Productivity

720499pManagement and Productivity  
Issues not elsewhere classified

729901 Technological and Organisational  
Innovation

720499pManagement and Productivity  
Issues not elsewhere classified

720599pMeasurement Standards and  
Calibration Services not elsewhere  
classified

720501 Defence Standards and Calibrations

720502 Manufacturing Standards and  
Calibrations

720503 Service Industries Standards and  
Calibrations

720599pMeasurement Standards and  
Calibration Services not elsewhere  
classified

729999pEconomic Issues not elsewhere  
classified

729999pEconomic Issues not elsewhere  
classified

919999Economic Framework not elsewhere classified	729999pEconomic Issues not elsewhere classified
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## 92 HEALTH

### 9201 CLINICAL HEALTH (ORGANS, DISEASES AND ABNORMAL CONDITIONS)

920101Blood Disorders	730103 Blood Disorders
920102Cancer and Related Disorders	730108 Cancer and Related Disorders
920103Cardiovascular System and Diseases	730106 Cardiovascular System and Diseases
920104Diabetes	730105pEndocrine Organs and Diseases (incl. Diabetes)
920105Digestive System Disorders	730113 Digestive System Disorders
920106Endocrine Organs and Diseases (excl. Diabetes)	730105pEndocrine Organs and Diseases (incl. Diabetes)
920107Hearing, Vision, Speech and Their Disorders	730111 Hearing, Vision, Speech and Their Disorders
920108Immune System and Allergy	730102 Immune System and Allergy
920109Infectious Diseases	730101 Infectious Diseases
920110Inherited Diseases (incl. Gene Therapy)	730107 Inherited Diseases (incl. Gene Therapy)
920111Nervous System and Disorders	730104 Nervous System and Disorders
920112Neurodegenerative Disorders Related to Ageing	730118pOrgans, Diseases and Abnormal Conditions not elsewhere classified
	730199pClinical Health not specific to Particular Organs, Diseases and Conditions
920113Oro-Dental Disorders	730112 Oro-Dental Disorders
920114Reproductive System and Disorders	730116 Reproductive System and Disorders
920115Respiratory System and Diseases (incl. Asthma)	730110 Respiratory System and Diseases (incl. Asthma)
920116Skeletal System and Disorders (incl. Arthritis)	730114 Skeletal System and Disorders (incl. Arthritis)
920117Skin and Related Disorders	730117 Skin and Related Disorders
920118Surgical Methods and Procedures	730109 Surgical Methods and Procedures
920119Urogenital System and Disorders	730115 Urogenital System and Disorders
920120Zoonoses	730118pOrgans, Diseases and Abnormal Conditions not elsewhere classified
	730199pClinical Health not specific to Particular Organs, Diseases and Conditions
920199Clinical Health (Organs, Diseases and Abnormal Conditions) not elsewhere classified	730118pOrgans, Diseases and Abnormal Conditions not elsewhere classified
	730199pClinical Health not specific to Particular Organs, Diseases and Conditions

### 9202 HEALTH AND SUPPORT SERVICES

920201Allied Health Therapies (excl. Mental Health Services)	730303 Occupational, Speech and Physiotherapy
	730399pHealth and Support Services not elsewhere classified
920202Carer Health	730399pHealth and Support Services not elsewhere classified
920203Diagnostic Methods	730305 Diagnostic Methods
920204Evaluation of Health Outcomes	730306 Evaluation of Health Outcomes
920205Health Education and Promotion	730301 Health Education and Promotion
920206Health Inequalities	730399pHealth and Support Services not elsewhere classified
920207Health Policy Economic Outcomes	730308 Health Policy Economic Outcomes
920208Health Policy Evaluation	730307 Health Policy Evaluation
920209Mental Health Services	730399pHealth and Support Services not elsewhere classified
920210Nursing	730302 Nursing
920211Palliative Care	730304 Palliative Care
920299Health and Support Services not elsewhere classified	730399pHealth and Support Services not elsewhere classified
<b>9203 INDIGENOUS HEALTH</b>	
920301Aboriginal and Torres Strait Islander Health - Determinants of Health	730206pAboriginal and Torres Strait Islander Health
920302Aboriginal and Torres Strait Islander Health - Health Status and Outcomes	730206pAboriginal and Torres Strait Islander Health
920303Aboriginal and Torres Strait Islander Health - Health System Performance (incl. Effectiveness of Interventions)	730206pAboriginal and Torres Strait Islander Health
920304Maori Health - Determinants of Health	730207pHealth Related to Specific Ethnic Groups
920305Maori Health - Health Status and Outcomes	730207pHealth Related to Specific Ethnic Groups
920306Maori Health - Health System Performance (incl. Effectiveness of Interventions)	730207pHealth Related to Specific Ethnic Groups
920307Pacific Peoples Health - Determinants of Health	730207pHealth Related to Specific Ethnic Groups
920308Pacific Peoples Health - Health Status and Outcomes	730207pHealth Related to Specific Ethnic Groups
920309Pacific Peoples Health - Health System Performance (incl. Effectiveness of Interventions)	730207pHealth Related to Specific Ethnic Groups
920399Indigenous Health not elsewhere classified	730299pPublic Health not elsewhere classified
<b>9204 PUBLIC HEALTH (EXCL. SPECIFIC POPULATION HEALTH)</b>	
920401Behaviour and Health	730219 Behaviour and Health
920402Dental Health	730214 Dental Health
920403Disability and Functional Capacity	730299pPublic Health not elsewhere

920404Disease Distribution and Transmission (incl. Surveillance and Response)	classified
920405Environmental Health	730212 Disease Distribution and Transmission
920406Food Safety	730210 Environmental Health
920407Health Protection and/or Disaster Response	730216 Food Safety
	730299pPublic Health not elsewhere classified
920408Health Status (e.g. Indicators of Well-Being)	730217 Health Status (e.g. Indicators of Well-Being)
920409Injury Control	730220 Injury Control
920410Mental Health	730211 Mental Health
920411Nutrition	730215 Nutrition
920412Preventive Medicine	730213 Preventive Medicine
920413Social Structure and Health	730218 Social Structure and Health
920414Substance Abuse	730205 Substance Abuse
920499Public Health (excl. Specific Population Health) not elsewhere classified	730299pPublic Health not elsewhere classified
<b>9205 SPECIFIC POPULATION HEALTH (EXCL. INDIGENOUS HEALTH)</b>	
920501Child Health	730204 Child Health
920502Health Related to Ageing	730203 Health related to Ageing
920503Health Related to Specific Ethnic Groups	730207pHealth Related to Specific Ethnic Groups
	730202 Men's Health
920504Men's Health	730208 Occupational Health (excl. Economic Development Aspects)
920505Occupational Health	730209 Rural Health
	730201 Women's Health
920506Rural Health	730299pPublic Health not elsewhere classified
920507Women's Health	
920599Specific Population Health (excl. Indigenous Health) not elsewhere classified	730118pOrgans, Diseases and Abnormal Conditions not elsewhere classified
<b>9299 OTHER HEALTH</b>	730199pClinical Health not specific to Particular Organs, Diseases and Conditions
929999Health not elsewhere classified	730299pPublic Health not elsewhere classified
	730399pHealth and Support Services not elsewhere classified
<b>93 EDUCATION AND TRAINING</b>	
<b>9301 LEARNER AND LEARNING</b>	
930101Learner and Learning Achievement	740101pEarly Childhood Education
	740102pPrimary Education
	740201pSecondary Education
	740301pHigher Education

930102Learner and Learning Processes

740401pVocational Education and Training

740501pSpecial Education

749999pEducation and Training not  
elsewhere classified

740101pEarly Childhood Education

740102pPrimary Education

740201pSecondary Education

740301pHigher Education

740401pVocational Education and Training

740501pSpecial Education

749999pEducation and Training not elsewhere  
classified

930103Learner Development

740101pEarly Childhood Education

740102pPrimary Education

740201pSecondary Education

740301pHigher Education

740401pVocational Education and Training

740501pSpecial Education

749999pEducation and Training not elsewhere  
classified

930104Moral and Social Development (incl.  
Affect)

740101pEarly Childhood Education

740102pPrimary Education

740201pSecondary Education

740301pHigher Education

740401pVocational Education and Training

740501pSpecial Education

749999pEducation and Training not elsewhere  
classified

930199Learner and Learning not elsewhere  
classified

740101pEarly Childhood Education

740102pPrimary Education

740201pSecondary Education

740301pHigher Education

740401pVocational Education and Training

740501pSpecial Education

749999pEducation and Training not elsewhere  
classified

## **9302 TEACHING AND INSTRUCTION**

930201Pedagogy

740101pEarly Childhood Education

740102pPrimary Education

740201pSecondary Education

740301pHigher Education

740401pVocational Education and Training

740501pSpecial Education

749999pEducation and Training not elsewhere

930202Teacher and Instructor Development	classified
	740101pEarly Childhood Education
	740102pPrimary Education
	740201pSecondary Education
	740301pHigher Education
	740401pVocational Education and Training
	740501pSpecial Education
930203Teaching and Instruction Technologies	749999pEducation and Training not elsewhere classified
	classified
	740101pEarly Childhood Education
	740102pPrimary Education
	740201pSecondary Education
	740301pHigher Education
	740401pVocational Education and Training
930299Teaching and Instruction not elsewhere classified	740501pSpecial Education
	749999pEducation and Training not elsewhere classified
	classified
	740101pEarly Childhood Education
	740102pPrimary Education
	740201pSecondary Education
	740301pHigher Education
930301Assessment and Evaluation of Curriculum	740401pVocational Education and Training
	740501pSpecial Education
	749999pEducation and Training not elsewhere classified
	classified
	740101pEarly Childhood Education
	740102pPrimary Education
	740201pSecondary Education
930302Syllabus and Curriculum Development	740301pHigher Education
	740401pVocational Education and Training
	740501pSpecial Education
	749999pEducation and Training not elsewhere classified
	classified
	740101pEarly Childhood Education
	740102pPrimary Education
930399Curriculum not elsewhere classified	740201pSecondary Education
	740301pHigher Education
	740401pVocational Education and Training

### 9303 CURRICULUM

**9304 SCHOOL/INSTITUTION**

930401 Management and Leadership of  
Schools/Institutions

740301p Higher Education  
740401p Vocational Education and Training  
740501p Special Education  
749999p Education and Training not elsewhere  
classified

740101p Early Childhood Education

740102p Primary Education  
740201p Secondary Education  
740301p Higher Education  
740401p Vocational Education and Training  
740501p Special Education  
749999p Education and Training not elsewhere  
classified

930402 School/Institution Community and  
Environment

740101p Early Childhood Education

740102p Primary Education  
740201p Secondary Education  
740301p Higher Education  
740401p Vocational Education and Training  
740501p Special Education  
749999p Education and Training not elsewhere  
classified

930403 School/Institution Policies and  
Development

740101p Early Childhood Education

740102p Primary Education  
740201p Secondary Education  
740301p Higher Education  
740401p Vocational Education and Training  
740501p Special Education  
749999p Education and Training not elsewhere  
classified

930499 School/Institution not elsewhere classified

740101p Early Childhood Education  
740102p Primary Education  
740201p Secondary Education  
740301p Higher Education  
740401p Vocational Education and Training  
740501p Special Education  
749999p Education and Training not elsewhere  
classified

**9305 EDUCATION AND TRAINING SYSTEMS**

930501 Education and Training Systems Policies  
and Development

749906 Education Policy

749999p Education and Training not elsewhere  
classified

930502Management of Education and Training Systems	740101pEarly Childhood Education  740102pPrimary Education 740201pSecondary Education 740301pHigher Education 740401pVocational Education and Training 740501pSpecial Education 749999pEducation and Training not elsewhere classified
930503Resourcing of Education and Training Systems	740101pEarly Childhood Education  740102pPrimary Education 740201pSecondary Education 740301pHigher Education 740401pVocational Education and Training 740501pSpecial Education 749999pEducation and Training not elsewhere classified
930599Education and Training Systems not elsewhere classified	740101pEarly Childhood Education  740102pPrimary Education 740201pSecondary Education 740301pHigher Education 740401pVocational Education and Training 740501pSpecial Education 749999pEducation and Training not elsewhere classified
<b>9399 OTHER EDUCATION AND TRAINING</b>	
939901Aboriginal and Torres Strait Islander Education	749903 Aboriginal and Torres Strait Islander Education
939902Education and Training Theory and Methodology	749999pEducation and Training not elsewhere classified
939903Equity and Access to Education	749999pEducation and Training not elsewhere classified
939904Gender Aspects of Education	749905 Gender Aspects of Education
939905Maori Education	749999pEducation and Training not elsewhere classified
939906Pacific Peoples Education	749999pEducation and Training not elsewhere classified
939907Special Needs Education	740501pSpecial Education 749999pEducation and Training not elsewhere classified
939908Workforce Transition and Employment	749999pEducation and Training not elsewhere classified
939999Education and Training not elsewhere classified	749901 Occupational Training

749902 Continuing Education  
 749904 Education Across Cultures  
 749999p Education and Training not elsewhere  
 classified

## **94 LAW, POLITICS AND COMMUNITY SERVICES**

### **9401 COMMUNITY SERVICE (EXCL. WORK)**

940101 Ability and Disability	750305 Ability and Disability
940102 Aboriginal and Torres Strait Islander Development and Welfare	750309 Aboriginal and Torres Strait Islander Development and Welfare
940103 Ageing and Older People	750304 The Aged
940104 Carers' Development and Welfare	750310 Carers Development and Welfare (i.e. Carers for the Aged, Disabled)
940105 Children's/Youth Services and Childcare	750312 Youth/Child Development and Welfare
	750399p Community Services not elsewhere classified
940106 Citizenship and National Identity	750308 National Identity
940107 Comparative Structure and Development of Community Services	750399p Community Services not elsewhere classified
940108 Distribution of Income and Wealth	750301 The Distribution of Wealth
	750399p Community Services not elsewhere classified
940109 Employment Services	750399p Community Services not elsewhere classified
940110 Environmental Services	750399p Community Services not elsewhere classified
940111 Ethnicity, Multiculturalism and Migrant Development and Welfare	750306 Ethnicity and Multiculturalism
	750311 Migrant Development and Welfare
940112 Families and Family Services	750307 Families
	750399p Community Services not elsewhere classified
940113 Gender and Sexualities	750303 Gender
	750399p Community Services not elsewhere classified
940114 Maori Development and Welfare	750399p Community Services not elsewhere classified
940115 Pacific Peoples Development and Welfare	750399p Community Services not elsewhere classified
940116 Social Class and Inequalities	750302 Class
	750399p Community Services not elsewhere classified
940117 Structure, Delivery and Financing of Community Services	750399p Community Services not elsewhere classified
940199 Community Service (excl. Work) not elsewhere classified	750399p Community Services not elsewhere classified

### **9402 GOVERNMENT AND POLITICS**

940201Civics and Citizenship	750604 Civics and Citizenship
940202Electoral Systems	750602 Understanding Electoral Systems
940203Political Systems	750601 Understanding Political Systems
940204Public Services Policy Advice and Analysis	750605 Public Services Management
	750699pGovernment and Politics not elsewhere classified
940299Government and Politics not elsewhere classified	750603 Federalism in Australia
	750699pGovernment and Politics not elsewhere classified

### **9403 INTERNATIONAL RELATIONS**

940301Defence and Security Policy	750799pInternational Relations not elsewhere classified
940302International Aid and Development	750704 International Aid
940303International Organisations	750703 International Organisations
940304International Political Economy (excl. International Trade)	750799pInternational Relations not elsewhere classified
940399International Relations not elsewhere classified	750701 Understanding International Relations
	750702 Understanding Other Countries
	750799pInternational Relations not elsewhere classified

### **9404 JUSTICE AND THE LAW**

940401Civil Justice	750599pJustice and the Law not elsewhere classified
940402Crime Prevention	750599pJustice and the Law not elsewhere classified
940403Criminal Justice	750599pJustice and the Law not elsewhere classified
940404Law Enforcement	750504 Law Enforcement
940405Law Reform	750599pJustice and the Law not elsewhere classified
940406Legal Processes	750503 Understanding Legal Processes
940407Legislation, Civil and Criminal Codes	750599pJustice and the Law not elsewhere classified
940408Rehabilitation and Correctional Services	750505 Correctional Services
	750599pJustice and the Law not elsewhere classified
940499Justice and the Law not elsewhere classified	750501 Ownership of the Land
	750502 Consumer Affairs
	750599pJustice and the Law not elsewhere classified

### **9405 WORK AND INSTITUTIONAL DEVELOPMENT**

940501Employment Patterns and Change	750101 Employment
	750102 Changing Work Patterns
940502Professions and Professionalisation	750103 The Professions and Professionalisation
940503Time Use, Unpaid Work and Volunteering	750199pWork not elsewhere classified
940504Work and Family Responsibilities	750199pWork not elsewhere classified
940505Workplace Safety	750199pWork not elsewhere classified
940599Work and Institutional Development not elsewhere classified	750104 Preserving Institutional and Organisational Histories

**9499 OTHER LAW, POLITICS AND  
COMMUNITY SERVICES**

949999Law, Politics and Community Services not elsewhere classified 759999pOther Social Development and Community Services

**95 CULTURAL UNDERSTANDING**

**9501 ARTS AND LEISURE**

950101Music 750201pThe Performing Arts (incl. Music, Theatre and Dance)  
950102Organised Sports 750203 Organised Sports  
950103Recreation 750204 Recreation  
950104The Creative Arts (incl. Graphics and Craft) 750202 The Creative Arts  
950105The Performing Arts (incl. Theatre and Dance) 750201pThe Performing Arts (incl. Music, Theatre and Dance)  
950199Arts and Leisure not elsewhere classified 750299 Arts and Leisure not elsewhere classified

**9502 COMMUNICATION**

950201Communication Across Languages and Culture 751005 Communication Across Languages and Culture  
950202Languages and Literacy 751002 Languages and Literacy  
950203Languages and Literature 751001 Languages and Literature  
950204The Media 751004 The Media  
950205Visual Communication 751003 Visual Communication  
950299Communication not elsewhere classified 751099 Communication not elsewhere classified

**9503 HERITAGE**

950301Ahuatanga Maori (Maori Tradition) 750899pHeritage not elsewhere classified  
950302Conserving Aboriginal and Torres Strait Islander Heritage 750805 Aboriginal and Torres Strait Islander Heritage  
950303Conserving Collections and Movable Cultural Heritage 750802 Preserving Movable Cultural Heritage  
  
950304Conserving Intangible Cultural Heritage 751006 Managing Collections  
950305Conserving Natural Heritage 750899pHeritage not elsewhere classified  
950306Conserving Pacific Peoples Heritage 750899pHeritage not elsewhere classified  
950307Conserving the Historic Environment 750899pHeritage not elsewhere classified  
950308Matauranga Maori (Maori Knowledge) 750801 Preserving the Built Environment  
950309Taonga (Maori Artefacts) 750899pHeritage not elsewhere classified  
950310Tikanga Maori (Maori Customary Practices) 750899pHeritage not elsewhere classified  
950311Wahi Taonga (Maori Places of Significance) 750899pHeritage not elsewhere classified  
950399Heritage not elsewhere classified 750899pHeritage not elsewhere classified

**9504 RELIGION AND ETHICS**

950401Bioethics 750403 Bioethics  
950402Business Ethics 750406 Business Ethics  
950403Environmental Ethics 750405 Environmental Ethics

950404Religion and Society	750401 Religion and Society
950405Religious Structures and Ritual	750402 Religious Structures and Ritual
950406Religious Traditions (excl. Structures and Rituals)	750499pReligion and Ethics not elsewhere classified
950407Social Ethics	750404 Social Ethics
950408Technological Ethics	750499pReligion and Ethics not elsewhere classified
950409Workplace and Organisational Ethics	750499pReligion and Ethics not elsewhere classified
950499Religion and Ethics not elsewhere classified	750499pReligion and Ethics not elsewhere classified
<b>9505 UNDERSTANDING PAST SOCIETIES</b>	
950501Understanding Africa's Past	750902pUnderstanding the Past of Other Societies
950502Understanding Asia's Past	750902pUnderstanding the Past of Other Societies
950503Understanding Australia's Past	750901 Understanding Australia's Past
950504Understanding Europe's Past	750902pUnderstanding the Past of Other Societies
950505Understanding New Zealand's Past	750902pUnderstanding the Past of Other Societies
950506Understanding the Past of the Americas	750902pUnderstanding the Past of Other Societies
950599Understanding Past Societies not elsewhere classified	750902pUnderstanding the Past of Other Societies
<b>9599 OTHER CULTURAL UNDERSTANDING</b>	
959999Cultural Understanding not elsewhere classified	759999pOther Social Development and Community Services
<b>96 ENVIRONMENT</b>	
<b>9601 AIR QUALITY</b>	
960101Antarctic and Sub-Antarctic Air Quality	771101 Air Quality
960102Coastal and Estuarine Air Quality	770401 Air Quality
960103Farmland, Arable Cropland and Permanent Cropland Air Quality	770801 Air Quality
960104Marine Air Quality	770301 Air Quality
960105Mining Air Quality	771001 Air Quality
960106Urban and Industrial Air Quality	770501 Air Quality
960199Air Quality not elsewhere classified	770601 Air Quality
	770701 Air Quality
	770901 Air Quality
	779901 Air Quality
<b>9602 ATMOSPHERE AND WEATHER</b>	
960201Atmospheric Composition (incl. Greenhouse Gas Inventory)	770201 Atmospheric Composition
960202Atmospheric Processes and Dynamics	770199pOther
	770202 Atmospheric Processes
960203Weather	770103 Weather
960299Atmosphere and Weather not elsewhere classified	770199pOther
<b>9603 CLIMATE AND CLIMATE CHANGE</b>	
960301Climate Change Adaptation Measures	760101 Global Climate Change Adaptation Measures
960302Climate Change Mitigation Strategies	770101pClimate Change

960303Climate Change Models	770101pClimate Change
960304Climate Variability (excl. Social Impacts)	770102pClimate Variability
960305Ecosystem Adaptation to Climate Change	770101pClimate Change
960306Effects of Climate Change and Variability on Antarctic and Sub-Antarctic Environments (excl. Social Impacts)	770101pClimate Change
	770102pClimate Variability
960307Effects of Climate Change and Variability on Australia (excl. Social Impacts)	770101pClimate Change
	770102pClimate Variability
960308Effects of Climate Change and Variability on New Zealand (excl. Social Impacts)	770101pClimate Change
	770102pClimate Variability
960309Effects of Climate Change and Variability on the South Pacific (excl. Australia and New Zealand) (excl. Social Impacts)	770101pClimate Change
	770102pClimate Variability
960310Global Effects of Climate Change and Variability (excl. Australia, New Zealand, Antarctica and the South Pacific) (excl. Social Impacts)	770101pClimate Change
	770102pClimate Variability
960311Social Impacts of Climate Change and Variability	770101pClimate Change
	770102pClimate Variability
960399Climate and Climate Change not elsewhere classified	770199pOther
<b>9604 CONTROL OF PESTS, DISEASES AND EXOTIC SPECIES</b>	
960401Border Biosecurity (incl. Quarantine and Inspection)	779904pControl of Pests and Exotic Species
960402Control of Animal Pests, Diseases and Exotic Species in Coastal and Estuarine Environments	630503pFish
	770404pControl of Pests and Exotic Species
960403Control of Animal Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments	620501pField Crops
	620502pHorticultural Crops
	630501pLivestock
	630502pPasture, Browse and Fodder Crops
	770804pControl of Pests and Exotic Species
960404Control of Animal Pests, Diseases and Exotic Species in Forest and Woodlands Environments	620503pForestry
	770704pControl of Pests and Exotic Species

960405Control of Pests, Diseases and Exotic Species at Regional or Larger Scales	779904pControl of Pests and Exotic Species
960406Control of Pests, Diseases and Exotic Species in Fresh, Ground and Surface Water Environments	779904pControl of Pests and Exotic Species
960407Control of Pests, Diseases and Exotic Species in Marine Environments	630503pFish
	770303 Control of Pests and Exotic Species
960408Control of Pests, Diseases and Exotic Species in Mining Environments	771004 Control of Pests and Exotic Species
960409Control of Pests, Diseases and Exotic Species in Mountain and High Country Environments	770604 Control of Pests and Exotic Species
960410Control of Pests, Diseases and Exotic Species in Sparseland, Permanent Grassland and Arid Zone Environments	630501pLivestock
	630502pPasture, Browse and Fodder Crops
	770904 Control of Pests and Exotic Species
960411Control of Pests, Diseases and Exotic Species in Urban and Industrial Environments	770504 Control of Pests and Exotic Species
960412Control of Plant Pests, Diseases and Exotic Species in Coastal and Estuarine Environments	630503pFish
	770404pControl of Pests and Exotic Species
960413Control of Plant Pests, Diseases and Exotic Species in Farmland, Arable Cropland and Permanent Cropland Environments	620501pField Crops
	620502pHorticultural Crops
	630501pLivestock
	630502pPasture, Browse and Fodder Crops
	770804pControl of Pests and Exotic Species
960414Control of Plant Pests, Diseases and Exotic Species in Forest and Woodlands Environments	620503pForestry
	770704pControl of Pests and Exotic Species
960415Pre-Border Biosecurity	779904pControl of Pests and Exotic Species
960499Control of Pests, Diseases and Exotic Species not elsewhere classified	771104 Control of Pests and Exotic Species
	779904pControl of Pests and Exotic Species

## 9605 ECOSYSTEM ASSESSMENT AND MANAGEMENT

960501Ecosystem Assessment and Management at Regional or Larger Scales	779905pIntegrated (Ecosystem) Assessment and Management
960502Ecosystem Assessment and Management of Antarctic and Sub-Antarctic Environments	771105 Integrated (Ecosystem) Assessment and Management
960503Ecosystem Assessment and Management of Coastal and Estuarine Environments	770406 Integrated (Ecosystem) Assessment and Management

960504Ecosystem Assessment and Management of Farmland, Arable Cropland and Permanent Cropland Environments	770805 Integrated (Ecosystem) Assessment and Management
960505Ecosystem Assessment and Management of Forest and Woodlands Environments	770705 Integrated (Ecosystem) Assessment and Management
960506Ecosystem Assessment and Management of Fresh, Ground and Surface Water Environments	779905pIntegrated (Ecosystem) Assessment and Management
960507Ecosystem Assessment and Management of Marine Environments	770306 Integrated (Ecosystem) Assessment and Management
960508Ecosystem Assessment and Management of Mining Environments	771005 Integrated (Ecosystem) Assessment and Management
960509Ecosystem Assessment and Management of Mountain and High Country Environments	770605 Integrated (Ecosystem) Assessment and Management
960510Ecosystem Assessment and Management of Sparseland, Permanent Grassland and Arid Zone Environments	770905 Integrated (Ecosystem) Assessment and Management
960511Ecosystem Assessment and Management of Urban and Industrial Environments	770505 Integrated (Ecosystem) Assessment and Management
960599Ecosystem Assessment and Management not elsewhere classified	779905pIntegrated (Ecosystem) Assessment and Management
<b>9606 ENVIRONMENTAL AND NATURAL RESOURCE EVALUATION</b>	
960601Economic Incentives for Environmental Protection	760202 Economic Incentives and Regulation
960602Eco-Verification (excl. Environmental Lifecycle Assessment)	760299pEnvironmental and Natural Resource Evaluation not elsewhere classified
960603Environmental Lifecycle Assessment	760299pEnvironmental and Natural Resource Evaluation not elsewhere classified
960604Environmental Management Systems	760299pEnvironmental and Natural Resource Evaluation not elsewhere classified
960605Institutional Arrangements for Environmental Protection	760201 Institutional Arrangements
960606Rights to Environmental and Natural Resources (excl. Water Allocation)	760203 Rights to Environmental and Natural Resources
960607Rural Land Evaluation	760299pEnvironmental and Natural Resource Evaluation not elsewhere classified
960608Rural Water Evaluation (incl. Water Quality)	760299pEnvironmental and Natural Resource Evaluation not elsewhere classified
960609Sustainability Indicators	760299pEnvironmental and Natural Resource Evaluation not elsewhere classified
960610Urban Land Evaluation	760299pEnvironmental and Natural Resource Evaluation not elsewhere classified
960611Urban Water Evaluation (incl. Water Quality)	760299pEnvironmental and Natural Resource Evaluation not elsewhere classified
960699Environmental and Natural Resource	760299pEnvironmental and Natural Resource

Evaluation not elsewhere classified

**9607 ENVIRONMENTAL POLICY, LEGISLATION AND STANDARDS**

960701 Coastal and Marine Management Policy

960702 Consumption Patterns, Population Issues and the Environment

960703 Environmental Education and Awareness

960704 Land Stewardship

960705 Rural Land Policy

960706 Rural Water Policy

960707 Trade and Environment

960708 Urban Land Policy

960709 Urban Water Policy

960799 Environmental Policy, Legislation and Standards not elsewhere classified

**9608 FLORA, FAUNA AND BIODIVERSITY**

960801 Antarctic and Sub-Antarctic Flora, Fauna and Biodiversity

960802 Coastal and Estuarine Flora, Fauna and Biodiversity

960803 Documentation of Undescribed Flora and Fauna

960804 Farmland, Arable Cropland and Permanent Cropland Flora, Fauna and Biodiversity

960805 Flora, Fauna and Biodiversity at Regional or Larger Scales

960806 Forest and Woodlands Flora, Fauna and Biodiversity

960807 Fresh, Ground and Surface Water Flora, Fauna and Biodiversity

960808 Marine Flora, Fauna and Biodiversity

960809 Mining Flora, Fauna and Biodiversity

960810 Mountain and High Country Flora, Fauna and Biodiversity

960811 Sparseland, Permanent Grassland and Arid Zone Flora, Fauna and Biodiversity

960812 Urban and Industrial Flora, Fauna and Biodiversity

Evaluation not elsewhere classified

760199p Environmental Policy, Legislation and Standards not elsewhere classified

760103 Consumption Patterns, Population Issues and the Environment

760104 Environmental Education and Awareness

760199p Environmental Policy, Legislation and Standards not elsewhere classified

760199p Environmental Policy, Legislation and Standards not elsewhere classified

760199p Environmental Policy, Legislation and Standards not elsewhere classified

760102 Trade and Environment

760199p Environmental Policy, Legislation and Standards not elsewhere classified

760199p Environmental Policy, Legislation and Standards not elsewhere classified

760199p Environmental Policy, Legislation and Standards not elsewhere classified

771103 Living Resources (Flora and Fauna)

770403 Living Resources (Flora and Fauna)

779903p Living Resources (Flora and Fauna)

770803 Living Resources (Flora and Fauna)

779903p Living Resources (Flora and Fauna)

770703 Living Resources (Flora and Fauna)

779903p Living Resources (Flora and Fauna)

770302 Living Resources (incl. Impacts of Fishing on Non-Target Species)

771003 Living Resources (Flora and Fauna)

770603 Living Resources (Flora and Fauna)

770903 Living Resources (Flora and Fauna)

770503p Living Resources (Flora and Fauna)

960899Flora, Fauna and Biodiversity of environments not elsewhere classified 779903pLiving Resources (Flora and Fauna)

**9609 LAND AND WATER MANAGEMENT**

960901Antarctic and Sub-Antarctic Land and Water Management	771102 Land and Water Management
960902Coastal and Estuarine Land Management	770402pLand and Water Management
960903Coastal and Estuarine Water Management	770402pLand and Water Management
960904Farmland, Arable Cropland and Permanent Cropland Land Management	770802pLand and Water Management
960905Farmland, Arable Cropland and Permanent Cropland Water Management	770802pLand and Water Management
960906Forest and Woodlands Land Management	770702pLand and Water Management
960907Forest and Woodlands Water Management	770702pLand and Water Management
960908Mining Land and Water Management	771002 Land and Water Management
960909Mountain and High Country Land and Water Management	770602 Land and Water Management
960910Sparseland, Permanent Grassland and Arid Zone Land and Water Management	770902 Land and Water Management
960911Urban and Industrial Land Management	770502pLand and Water Management
960912Urban and Industrial Water Management	770502pLand and Water Management
960913Water Allocation and Quantification	779902pLand and Water Management
960999Land and Water Management of environments not elsewhere classified	779902pLand and Water Management

**9610 NATURAL HAZARDS**

961001Natural Hazards in Antarctic and Sub-Antarctic Environments	771199pOther
961002Natural Hazards in Coastal and Estuarine Environments	770499pOther
961003Natural Hazards in Farmland, Arable Cropland and Permanent Cropland Environments	770899pOther
961004Natural Hazards in Forest and Woodlands Environments	770799pOther
961005Natural Hazards in Fresh, Ground and Surface Water Environments	779999pOther
961006Natural Hazards in Marine Environments	770399pOther
961007Natural Hazards in Mining Environments	771099pOther
961008Natural Hazards in Mountain and High Country Environments	770699pOther
961009Natural Hazards in Sparseland, Permanent Grassland and Arid Zone Environments	770999pOther
961010Natural Hazards in Urban and Industrial Environments	770599pOther
961099Natural Hazards not elsewhere classified	779999pOther

**9611 PHYSICAL AND CHEMICAL CONDITIONS OF WATER**

961101Physical and Chemical Conditions of Water for	770599pOther
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Urban and Industrial Use		
961102Physical and Chemical Conditions of Water in Coastal and Estuarine Environments	770405	Physical and Chemical Conditions
961103Physical and Chemical Conditions of Water in Fresh, Ground and Surface Water Environments (excl. Urban and Industrial Use)	779999p	Other
961104Physical and Chemical Conditions of Water in Marine Environments	770304	Physical and Chemical Conditions
961199Physical and Chemical Conditions of Water not elsewhere classified	779999p	Other
<b>9612 REHABILITATION OF DEGRADED ENVIRONMENTS</b>		
961201Rehabilitation of Degraded Coastal and Estuarine Environments	770408	Rehabilitation of Degraded Coastal and Estuarine Areas
961202Rehabilitation of Degraded Farmland, Arable Cropland and Permanent Cropland Environments	770807	Rehabilitation of Degraded Farmland
961203Rehabilitation of Degraded Forest and Woodlands Environments	770707	Rehabilitation/Reafforestation
961204Rehabilitation of Degraded Fresh, Ground and Surface Water Environments	779907p	Rehabilitation of Degraded Areas
961205Rehabilitation of Degraded Mining Environments	771007	Rehabilitation of Degraded Mining Lands
961206Rehabilitation of Degraded Mountain and High Country Environments	770607	Rehabilitation of Degraded High Country
961207Rehabilitation of Degraded Sparseland, Permanent Grassland and Arid Zone Environments	770907	Rehabilitation of Degraded Sparseland
961208Rehabilitation of Degraded Urban and Industrial Environments	770507	Industrial/Degraded Areas
961299Rehabilitation of Degraded Environments not elsewhere classified	779907p	Rehabilitation of Degraded Areas
<b>9613 REMNANT VEGETATION AND PROTECTED CONSERVATION AREAS</b>		
961301Protected Conservation Areas in Antarctic and Sub-Antarctic Environments	779906p	Remnant Vegetation and Protected Conservation Areas
961302Protected Conservation Areas in Fresh, Ground and Surface Water Environments	779906p	Remnant Vegetation and Protected Conservation Areas
961303Protected Conservation Areas in Marine Environments	770307	Marine Protected Areas
961304Remnant Vegetation and Protected Conservation Areas in Coastal and Estuarine Environments	770407	Remnant Vegetation and Protected Conservation Areas (Both Terrestrial and Marine)
961305Remnant Vegetation and Protected Conservation Areas in Farmland, Arable Cropland and Permanent Cropland	770806	Remnant Vegetation and Protected Conservation Areas

Environments		
961306Remnant Vegetation and Protected Conservation Areas in Forest and Woodlands Environments	770706	Remnant Vegetation and Protected Conservation Areas
961307Remnant Vegetation and Protected Conservation Areas in Mountain and High Country Environments	770606	Remnant Vegetation and Protected Conservation Areas
961308Remnant Vegetation and Protected Conservation Areas at Regional or Larger Scales	779906p	Remnant Vegetation and Protected Conservation Areas
961309Remnant Vegetation and Protected Conservation Areas in Sparseland, Permanent Grassland and Arid Zone Environments	770906	Remnant Vegetation and Protected Conservation Areas
961310Remnant Vegetation and Protected Conservation Areas in Urban and Industrial Environments	770506	Remnant Vegetation and Protected Conservation Areas
961399Remnant Vegetation and Protected Conservation Areas not elsewhere classified	771006	Remnant Vegetation and Protected Conservation Areas
	779906p	Remnant Vegetation and Protected Conservation Areas
<b>9614 SOILS</b>		
961401Coastal and Estuarine Soils	770499p	Other
961402Farmland, Arable Cropland and Permanent Cropland Soils	620501p	Field Crops
	620502p	Horticultural Crops
	770899p	Other
961403Forest and Woodlands Soils	620503p	Forestry
	770799p	Other
961404Mining Soils	771099p	Other
961405Mountain and High Country Soils	770699p	Other
961406Sparseland, Permanent Grassland and Arid Zone Soils	770999p	Other
961407Urban and Industrial Soils	770599p	Other
961499Soils not elsewhere classified	779999p	Other
<b>9699 OTHER ENVIRONMENT</b>		
969901Antarctic and Sub-Antarctic Oceanography	771199p	Other
969902Marine Oceanic Processes (excl. climate related)	770305	Oceanic Processes (excl. Climate Related)
969999Environment not elsewhere classified	769999	Other Environmental Aspects
	770399p	Other
	770409	Estuarine and Lagoon Areas
	770499p	Other
	770599p	Other
	770699p	Other
	770799p	Other
	770899p	Other

770999pOther  
 771099pOther  
 771199pOther  
 779907pRehabilitation of Degraded Areas  
 779999pOther

## **97 EXPANDING KNOWLEDGE**

### **9701 EXPANDING KNOWLEDGE**

970101Expanding Knowledge in the Mathematical Sciences	780101 Mathematical Sciences
970102Expanding Knowledge in the Physical Sciences	780102 Physical Sciences
970103Expanding Knowledge in the Chemical Sciences	780103 Chemical Sciences
970104Expanding Knowledge in the Earth Sciences	780104 Earth Sciences
970105Expanding Knowledge in the Environmental Sciences	780105pBiological Sciences
970106Expanding Knowledge in the Biological Sciences	780199pOther 780105pBiological Sciences
970107Expanding Knowledge in the Agricultural and Veterinary Sciences	780199pOther
970108Expanding Knowledge in the Information and Computing Sciences	780199pOther
970109Expanding Knowledge in Engineering	780199pOther
970110Expanding Knowledge in Technology	780199pOther
970111Expanding Knowledge in the Medical and Health Sciences	780199pOther
970112Expanding Knowledge in Built Environment and Design	780199pOther
970113Expanding Knowledge in Education	780199pOther
970114Expanding Knowledge in Economics	780199pOther
970115Expanding Knowledge in Commerce, Management, Tourism and Services	780199pOther
970116Expanding Knowledge through Studies of Human Society	780106 Political Science and Public Policy 780107 Studies in Human Society
970117Expanding Knowledge in Psychology and Cognitive Sciences	780108pBehavioural and Cognitive Sciences
970118Expanding Knowledge in Law and Legal Studies	780199pOther
970119Expanding Knowledge through Studies of the Creative Arts and Writing	780199pOther
970120Expanding Knowledge in Language, Communication and Culture	780108pBehavioural and Cognitive Sciences 780199pOther
970121Expanding Knowledge in History and	780199pOther

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### APPENDIX 1 FOR FIELDS BY CODE NUMBER

#### 01 MATHEMATICAL SCIENCES

##### 0101 PURE MATHEMATICS

010101 Algebra and Number Theory  
010102 Algebraic and Differential Geometry  
  
010103 Category Theory, K Theory, Homological Algebra  
010104 Combinatorics and Discrete Mathematics (excl. Physical Combinatorics)  
010105 Group Theory and Generalisations  
010106 Lie Groups, Harmonic and Fourier Analysis  
010107 Mathematical Logic, Set Theory, Lattices and Universal Algebra  
010108 Operator Algebras and Functional Analysis  
010109 Ordinary Differential Equations, Difference Equations and Dynamical Systems  
010110 Partial Differential Equations

##### 0103 NUMERICAL AND COMPUTATIONAL MATHEMATICS

010301 Numerical Analysis  
010302 Numerical Solution of Differential and Integral Equations  
010303 Optimisation  
  
010399 Numerical and Computational Mathematics not elsewhere classified

##### 0104 STATISTICS

010401 Applied Statistics  
010402 Biostatistics  
010403 Forensic Statistics  
010404 Probability Theory  
010405 Statistical Theory

010111Real and Complex Functions (incl. Several Variables)	010406Stochastic Analysis and Modelling
010112Topology	010499Statistics not elsewhere classified
010199Pure Mathematics not elsewhere classified	0105 MATHEMATICAL PHYSICS
0102 APPLIED MATHEMATICS	010501Algebraic Structures in Mathematical Physics
010201Approximation Theory and Asymptotic Methods	010502Integrable Systems (Classical and Quantum)
010202Biological Mathematics	010503Mathematical Aspects of Classical Mechanics, Quantum Mechanics and Quantum Information Theory
010203Calculus of Variations, Systems Theory and Control Theory	010504Mathematical Aspects of General Relativity
010204Dynamical Systems in Applications	010505Mathematical Aspects of Quantum and Conformal Field Theory, Quantum Gravity and String Theory
010205Financial Mathematics	010506Statistical Mechanics, Physical Combinatorics and Mathematical Aspects of Condensed Matter
010206Operations Research	010599Mathematical Physics not elsewhere classified
010207Theoretical and Applied Mechanics	0199 OTHER MATHEMATICAL SCIENCES
010299Applied Mathematics not elsewhere classified	019999Mathematical Sciences not elsewhere classified

## 02 PHYSICAL SCIENCES

0201 ASTRONOMICAL AND SPACE SCIENCES	0204 CONDENSED MATTER PHYSICS
020101Astrobiology	020401Condensed Matter Characterisation Technique Development
020102Astronomical and Space Instrumentation	020402Condensed Matter Imaging
020103Cosmology and Extragalactic Astronomy	020403Condensed Matter Modelling and Density Functional Theory
020104Galactic Astronomy	020404Electronic and Magnetic Properties of Condensed Matter; Superconductivity
020105General Relativity and Gravitational Waves	020405Soft Condensed Matter
020106High Energy Astrophysics; Cosmic Rays	020406Surfaces and Structural Properties of Condensed Matter
020107Mesospheric, Ionospheric and Magnetospheric Physics	020499Condensed Matter Physics not elsewhere classified
020108Planetary Science (excl. Extraterrestrial Geology)	0205 OPTICAL PHYSICS
020109Space and Solar Physics	020501Classical and Physical Optics
020110Stellar Astronomy and Planetary Systems	020502Lasers and Quantum Electronics

020199Astronomical and Space Sciences not elsewhere classified	020503Nonlinear Optics and Spectroscopy
0202 ATOMIC, MOLECULAR, NUCLEAR, PARTICLE AND PLASMA PHYSICS	020504Photonics, Optoelectronics and Optical Communications
020201Atomic and Molecular Physics	020599Optical Physics not elsewhere classified
020202Nuclear Physics	0206 QUANTUM PHYSICS
020203Particle Physics	020601Degenerate Quantum Gases and Atom Optics
020204Plasma Physics; Fusion Plasmas; Electrical Discharges	020602Field Theory and String Theory
020299Atomic, Molecular, Nuclear, Particle and Plasma Physics not elsewhere classified	020603Quantum Information, Computation and Communication
0203 CLASSICAL PHYSICS	020604Quantum Optics
020301Acoustics and Acoustical Devices; Waves	020699Quantum Physics not elsewhere classified
020302Electrostatics and Electrodynamics	0299 OTHER PHYSICAL SCIENCES
020303Fluid Physics	029901Biological Physics
020304Thermodynamics and Statistical Physics	029902Complex Physical Systems
020399Classical Physics not elsewhere classified	029903Medical Physics
	029904Synchrotrons; Accelerators; Instruments and Techniques
	029999Physical Sciences not elsewhere classified

### 03 CHEMICAL SCIENCES

0301 ANALYTICAL CHEMISTRY	0305 ORGANIC CHEMISTRY
030101Analytical Spectrometry	030501Free Radical Chemistry
030102Electroanalytical Chemistry	030502Natural Products Chemistry
030103Flow Analysis	030503Organic Chemical Synthesis
030104Immunological and Bioassay Methods	030504Organic Green Chemistry
030105Instrumental Methods (excl. Immunological and Bioassay Methods)	030505Physical Organic Chemistry
030106Quality Assurance, Chemometrics, Traceability and Metrological Chemistry	030599Organic Chemistry not elsewhere classified
030107Sensor Technology (Chemical aspects)	0306 PHYSICAL CHEMISTRY (INCL. STRUCTURAL)
030108Separation Science	030601Catalysis and Mechanisms of Reactions
030199Analytical Chemistry not elsewhere classified	030602Chemical Thermodynamics and Energetics
0302 INORGANIC CHEMISTRY	030603Colloid and Surface Chemistry
030201Bioinorganic Chemistry	030604Electrochemistry
030202f-Block Chemistry	030605Solution Chemistry
030203Inorganic Green Chemistry	030606Structural Chemistry and Spectroscopy
030204Main Group Metal Chemistry	030607Transport Properties and Non-Equilibrium

030205Non-metal Chemistry  
 030206Solid State Chemistry

030207Transition Metal Chemistry  
 030299Inorganic Chemistry not elsewhere  
 classified  
 0303 MACROMOLECULAR AND  
 MATERIALS CHEMISTRY

030301Chemical Characterisation of Materials  
 030302Nanochemistry and Supramolecular  
 Chemistry  
 030303Optical Properties of Materials  
 030304Physical Chemistry of Materials

030305Polymerisation Mechanisms  
 030306Synthesis of Materials  
 030307Theory and Design of Materials  
 030399Macromolecular and Materials  
 Chemistry not elsewhere classified  
 0304 MEDICINAL AND  
 BIOMOLECULAR CHEMISTRY

030401Biologically Active Molecules  
 030402Biomolecular Modelling and Design  
 030403Characterisation of Biological  
 Macromolecules  
 030404Cheminformatics and Quantitative  
 Structure-Activity Relationships  
 030405Molecular Medicine  
 030406Proteins and Peptides  
 030499Medicinal and Biomolecular Chemistry  
 not elsewhere classified

#### 04 EARTH SCIENCES

0401 ATMOSPHERIC SCIENCES

040101Atmospheric Aerosols

040102Atmospheric Dynamics  
 040103Atmospheric Radiation  
 040104Climate Change Processes  
 040105Climatology (excl. Climate Change  
 Processes)  
 040106Cloud Physics  
 040107Meteorology  
 040108Tropospheric and Stratospheric Physics

Processes

030699Physical Chemistry not elsewhere classified  
 0307 THEORETICAL AND COMPUTATIONAL  
 CHEMISTRY

030701Quantum Chemistry  
 030702Radiation and Matter

030703Reaction Kinetics and Dynamics

030704Statistical Mechanics in Chemistry  
 030799Theoretical and Computational Chemistry not  
 elsewhere classified  
 0399 OTHER CHEMICAL SCIENCES

039901Environmental Chemistry (incl. Atmospheric  
 Chemistry)  
 039902Forensic Chemistry  
 039903Industrial Chemistry  
 039904Organometallic Chemistry  
 039999Chemical Sciences not elsewhere classified

0404 GEOPHYSICS

040401Electrical and Electromagnetic Methods in  
 Geophysics  
 040402Geodynamics  
 040403Geophysical Fluid Dynamics  
 040404Geothermics and Radiometrics  
 040405Gravimetrics

040406Magnetism and Palaeomagnetism  
 040407Seismology and Seismic Exploration  
 040499Geophysics not elsewhere classified

040199Atmospheric Sciences not elsewhere classified	0405 OCEANOGRAPHY
0402 GEOCHEMISTRY	040501Biological Oceanography
040201Exploration Geochemistry	040502Chemical Oceanography
040202Inorganic Geochemistry	040503Physical Oceanography
040203Isotope Geochemistry	040599Oceanography not elsewhere classified
040204Organic Geochemistry	0406 PHYSICAL GEOGRAPHY AND ENVIRONMENTAL GEOSCIENCE
040299Geochemistry not elsewhere classified	040601Geomorphology and Regolith and Landscape Evolution
0403 GEOLOGY	040602Glaciology
040301Basin Analysis	040603Hydrogeology
040302Extraterrestrial Geology	040604Natural Hazards
040303Geochronology	040605Palaeoclimatology
040304Igneous and Metamorphic Petrology	040606Quaternary Environments
040305Marine Geoscience	040607Surface Processes
040306Mineralogy and Crystallography	040608Surfacewater Hydrology
040307Ore Deposit Petrology	040699Physical Geography and Environmental Geoscience not elsewhere classified
040308Palaeontology (incl. Palynology)	0499 OTHER EARTH SCIENCES
040309Petroleum and Coal Geology	049999Earth Sciences not elsewhere classified
040310Sedimentology	
040311Stratigraphy (incl. Biostratigraphy and Sequence Stratigraphy)	
040312Structural Geology	
040313Tectonics	
040314Volcanology	
040399Geology not elsewhere classified	

## 05 ENVIRONMENTAL SCIENCES

0501 ECOLOGICAL APPLICATIONS	0503 SOIL SCIENCES
050101Ecological Impacts of Climate Change	050301Carbon Sequestration Science
050102Ecosystem Function	050302Land Capability and Soil Degradation
050103Invasive Species Ecology	050303Soil Biology
050104Landscape Ecology	050304Soil Chemistry (excl. Carbon Sequestration Science)
050199Ecological Applications not elsewhere classified	050305Soil Physics
0502 ENVIRONMENTAL SCIENCE AND MANAGEMENT	050399Soil Sciences not elsewhere classified
050201Aboriginal and Torres Strait Islander Environmental Knowledge	0599 OTHER ENVIRONMENTAL SCIENCES
050202Conservation and Biodiversity	059999Environmental Sciences not elsewhere classified
050203Environmental Education and	

Extension  
 050204Environmental Impact Assessment  
 050205Environmental Management  
 050206Environmental Monitoring  
 050207Environmental Rehabilitation (excl.  
     Bioremediation)  
 050208Maori Environmental Knowledge  
 050209Natural Resource Management  
 050210Pacific Peoples Environmental  
     Knowledge  
 050211Wildlife and Habitat Management  
 050299Environmental Science and  
     Management not elsewhere classified

## 06 BIOLOGICAL SCIENCES

0601 BIOCHEMISTRY AND CELL BIOLOGY	0604 GENETICS
060101Analytical Biochemistry	060401Anthropological Genetics
060102Bioinformatics	060402Cell and Nuclear Division
060103Cell Development, Proliferation and Death	060403Developmental Genetics (incl. Sex Determination)
060104Cell Metabolism	060404Epigenetics (incl. Genome Methylation and Epigenomics)
060105Cell Neurochemistry	060405Gene Expression (incl. Microarray and other genome-wide approaches)
060106Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)	060406Genetic Immunology
060107Enzymes	060407Genome Structure and Regulation
060108Protein Trafficking	060408Genomics
060109Proteomics and Intermolecular Interactions (excl. Medical Proteomics)	060409Molecular Evolution
060110Receptors and Membrane Biology	060410Neurogenetics
060111Signal Transduction	060411Population, Ecological and Evolutionary Genetics
060112Structural Biology (incl. Macromolecular Modelling)	060412Quantitative Genetics (incl. Disease and Trait Mapping Genetics)
060113Synthetic Biology	060499Genetics not elsewhere classified
060114Systems Biology	0605 MICROBIOLOGY
060199Biochemistry and Cell Biology not elsewhere classified	060501Bacteriology
0602 ECOLOGY	060502Infectious Agents
060201Behavioural Ecology	060503Microbial Genetics
060202Community Ecology (excl. Invasive Species Ecology)	060504Microbial Ecology
060203Ecological Physiology	060505Mycology

060204Freshwater Ecology	060506Virology
060205Marine and Estuarine Ecology (incl. Marine Ichthyology)	060599Microbiology not elsewhere classified
060206Palaeoecology	0606 PHYSIOLOGY
060207Population Ecology	060601Animal Physiology - Biophysics
060208Terrestrial Ecology	060602Animal Physiology - Cell
060299Ecology not elsewhere classified	060603Animal Physiology - Systems
0603 EVOLUTIONARY BIOLOGY	060604Comparative Physiology
060301Animal Systematics and Taxonomy	060699Physiology not elsewhere classified
060302Biogeography and Phylogeography	0607 PLANT BIOLOGY
060303Biological Adaptation	060701Phycology (incl. Marine Grasses)
060304Ethology and Sociobiology	060702Plant Cell and Molecular Biology
060305Evolution of Developmental Systems	060703Plant Developmental and Reproductive Biology
060306Evolutionary Impacts of Climate Change	060704Plant Pathology
060307Host-Parasite Interactions	060705Plant Physiology
060308Life Histories	060799Plant Biology not elsewhere classified
060309Phylogeny and Comparative Analysis	0608 ZOOLOGY
060310Plant Systematics and Taxonomy	060801Animal Behaviour
060311Speciation and Extinction	060802Animal Cell and Molecular Biology
060399Evolutionary Biology not elsewhere classified	060803Animal Developmental and Reproductive Biology
	060804Animal Immunology
	060805Animal Neurobiology
	060806Animal Physiological Ecology
	060807Animal Structure and Function
	060808Invertebrate Biology
	060809Vertebrate Biology
	060899Zoology not elsewhere classified
	0699 OTHER BIOLOGICAL SCIENCES
	069901Forensic Biology
	069902Global Change Biology
	069999Biological Sciences not elsewhere classified

## 07 AGRICULTURAL AND VETERINARY SCIENCES

0701 AGRICULTURE, LAND AND FARM MANAGEMENT	0705 FORESTRY SCIENCES
070101Agricultural Land Management	070501Agroforestry
070102Agricultural Land Planning	070502Forestry Biomass and Bioproducts
070103Agricultural Production Systems Simulation	070503Forestry Fire Management
070104Agricultural Spatial Analysis and Modelling	070504Forestry Management and Environment
070105Agricultural Systems Analysis and Modelling	070505Forestry Pests, Health and Diseases

070106Farm Management, Rural Management and Agribusiness	070506Forestry Product Quality Assessment
070107Farming Systems Research	070507Tree Improvement (Selection and Breeding)
070108Sustainable Agricultural Development	070508Tree Nutrition and Physiology
070199Agriculture, Land and Farm Management not elsewhere classified	070509Wood Fibre Processing
0702 ANIMAL PRODUCTION	070510Wood Processing
070201Animal Breeding	070599Forestry Sciences not elsewhere classified
070202Animal Growth and Development	0706 HORTICULTURAL PRODUCTION
070203Animal Management	070601Horticultural Crop Growth and Development
070204Animal Nutrition	070602Horticultural Crop Improvement (Selection and Breeding)
070205Animal Protection (Pests and Pathogens)	070603Horticultural Crop Protection (Pests, Diseases and Weeds)
070206Animal Reproduction	070604Oenology and Viticulture
070207Humane Animal Treatment	070605Post Harvest Horticultural Technologies (incl. Transportation and Storage)
070299Animal Production not elsewhere classified	070699Horticultural Production not elsewhere classified
0703 CROP AND PASTURE PRODUCTION	0707 VETERINARY SCIENCES
070301Agro-ecosystem Function and Prediction	070701Veterinary Anaesthesiology and Intensive Care
070302Agronomy	070702Veterinary Anatomy and Physiology
070303Crop and Pasture Biochemistry and Physiology	070703Veterinary Diagnosis and Diagnostics
070304Crop and Pasture Biomass and Bioproducts	070704Veterinary Epidemiology
070305Crop and Pasture Improvement (Selection and Breeding)	070705Veterinary Immunology
070306Crop and Pasture Nutrition	070706Veterinary Medicine
070307Crop and Pasture Post Harvest Technologies (incl. Transportation and Storage)	070707Veterinary Microbiology (excl. Virology)
070308Crop and Pasture Protection (Pests, Diseases and Weeds)	070708Veterinary Parasitology
070399Crop and Pasture Production not elsewhere classified	070709Veterinary Pathology
0704 FISHERIES SCIENCES	070710Veterinary Pharmacology
070401Aquaculture	070711Veterinary Surgery
070402Aquatic Ecosystem Studies and Stock Assessment	070712Veterinary Virology
070403Fisheries Management	070799Veterinary Sciences not elsewhere classified
070404Fish Pests and Diseases	0799 OTHER AGRICULTURAL AND VETERINARY SCIENCES
070405Fish Physiology and Genetics	079901Agricultural Hydrology (Drainage, Flooding,

070406Post-Harvest Fisheries Technologies (incl. Transportation)	Irrigation, Quality, etc.) 079902Fertilisers and Agrochemicals (incl. Application)
070499Fisheries Sciences not elsewhere classified	079999Agricultural and Veterinary Sciences not elsewhere classified

## 08 INFORMATION AND COMPUTING SCIENCES

0801 ARTIFICIAL INTELLIGENCE AND IMAGE PROCESSING	0805 DISTRIBUTED COMPUTING
080101Adaptive Agents and Intelligent Robotics	080501Distributed and Grid Systems
080102Artificial Life	080502Mobile Technologies
080103Computer Graphics	080503Networking and Communications
080104Computer Vision	080504Ubiquitous Computing
080105Expert Systems	080505Web Technologies (excl. Web Search)
080106Image Processing	080599Distributed Computing not elsewhere classified
080107Natural Language Processing	0806 INFORMATION SYSTEMS
080108Neural, Evolutionary and Fuzzy Computation	080601Aboriginal and Torres Strait Islander Information and Knowledge Systems
080109Pattern Recognition and Data Mining	080602Computer-Human Interaction
080110Simulation and Modelling	080603Conceptual Modelling
080111Virtual Reality and Related Simulation	080604Database Management
080199Artificial Intelligence and Image Processing not elsewhere classified	080605Decision Support and Group Support Systems
0802 COMPUTATION THEORY AND MATHEMATICS	080606Global Information Systems
080201Analysis of Algorithms and Complexity	080607Information Engineering and Theory
080202Applied Discrete Mathematics	080608Information Systems Development Methodologies
080203Computational Logic and Formal Languages	080609Information Systems Management
080204Mathematical Software	080610Information Systems Organisation
080205Numerical Computation	080611Information Systems Theory
080299Computation Theory and Mathematics not elsewhere classified	080612Interorganisational Information Systems and Web Services
0803 COMPUTER SOFTWARE	080613Maori Information and Knowledge Systems
080301Bioinformatics Software	080614Pacific Peoples Information and Knowledge Systems
080302Computer System Architecture	080699Information Systems not elsewhere classified
080303Computer System Security	0807 LIBRARY AND INFORMATION STUDIES
080304Concurrent Programming	080701Aboriginal and Torres Strait Islander Knowledge Management
080305Multimedia Programming	080702Health Informatics

080306Open Software  
080307Operating Systems  
080308Programming Languages  
080309Software Engineering  
080399Computer Software not elsewhere classified

#### 0804 DATA FORMAT

080401Coding and Information Theory  
080402Data Encryption

080403Data Structures

080404Markup Languages

080499Data Format not elsewhere classified

### 09 ENGINEERING

#### 0901 AEROSPACE ENGINEERING

090101Aerodynamics (excl. Hypersonic Aerodynamics)  
090102Aerospace Materials  
090103Aerospace Structures  
090104Aircraft Performance and Flight Control Systems  
090105Avionics  
090106Flight Dynamics

090107Hypersonic Propulsion and Hypersonic Aerodynamics  
090108Satellite, Space Vehicle and Missile Design and Testing  
090199Aerospace Engineering not elsewhere classified

#### 0902 AUTOMOTIVE ENGINEERING

090201Automotive Combustion and Fuel Engineering (incl. Alternative/Renewable Fuels)  
090202Automotive Engineering Materials  
090203Automotive Mechatronics  
090204Automotive Safety Engineering  
090205Hybrid Vehicles and Powertrains  
090299Automotive Engineering not elsewhere classified

080703Human Information Behaviour  
080704Information Retrieval and Web Search  
080705Informetrics  
080706Librarianship  
080707Organisation of Information and Knowledge Resources  
080708Records and Information Management (excl. Business Records and Information Management)  
080709Social and Community Informatics  
080799Library and Information Studies not elsewhere classified  
0899 OTHER INFORMATION AND COMPUTING SCIENCES  
089999Information and Computing Sciences not elsewhere classified

#### 0907 ENVIRONMENTAL ENGINEERING

090701Environmental Engineering Design  
090702Environmental Engineering Modelling  
090703Environmental Technologies  
090799Environmental Engineering not elsewhere classified  
0908 FOOD SCIENCES  
090801Food Chemistry and Molecular Gastronomy (excl. Wine)  
090802Food Engineering

090803Food Nutritional Balance

090804Food Packaging, Preservation and Safety  
090805Food Processing  
090806Wine Chemistry and Wine Sensory Science  
090899Food Sciences not elsewhere classified  
0909 GEOMATIC ENGINEERING

090901Cartography  
090902Geodesy  
090903Geospatial Information Systems

0903 BIOMEDICAL ENGINEERING

090301 Biomaterials

090302 Biomechanical Engineering

090303 Biomedical Instrumentation

090304 Medical Devices

090305 Rehabilitation Engineering

090399 Biomedical Engineering not elsewhere  
classified

0904 CHEMICAL ENGINEERING

090401 Carbon Capture Engineering (excl.  
Sequestration)

090402 Catalytic Process Engineering

090403 Chemical Engineering Design

090404 Membrane and Separation Technologies

090405 Non-automotive Combustion and Fuel  
Engineering (incl. Alternative/Renewable  
Fuels)

090406 Powder and Particle Technology

090407 Process Control and Simulation

090408 Rheology

090409 Wastewater Treatment Processes

090410 Water Treatment Processes

090499 Chemical Engineering not elsewhere classified

0905 CIVIL ENGINEERING

090501 Civil Geotechnical Engineering

090502 Construction Engineering

090503 Construction Materials

090504 Earthquake Engineering

090505 Infrastructure Engineering and Asset  
Management

090506 Structural Engineering

090507 Transport Engineering

090508 Water Quality Engineering

090509 Water Resources Engineering

090599 Civil Engineering not elsewhere classified

0906 ELECTRICAL AND ELECTRONIC  
ENGINEERING

090601 Circuits and Systems

090904 Navigation and Position Fixing

090905 Photogrammetry and Remote Sensing

090906 Surveying (incl. Hydrographic Surveying)

090999 Geomatic Engineering not elsewhere  
classified

0910 MANUFACTURING

ENGINEERING

091001 CAD/CAM Systems

091002 Flexible Manufacturing Systems

091003 Machine Tools

091004 Machining

091005 Manufacturing Management

091006 Manufacturing Processes and  
Technologies (excl. Textiles)

091007 Manufacturing Robotics and  
Mechatronics (excl. Automotive  
Mechatronics)

091008 Manufacturing Safety and Quality

091009 Microtechnology

091010 Packaging, Storage and Transportation  
(excl. Food and Agricultural Products)

091011 Precision Engineering

091012 Textile Technology

091099 Manufacturing Engineering not  
elsewhere classified

0911 MARITIME ENGINEERING

091101 Marine Engineering

091102 Naval Architecture

091103 Ocean Engineering

091104 Ship and Platform Hydrodynamics

091105 Ship and Platform Structures

091106 Special Vehicles

091199 Maritime Engineering not elsewhere  
classified

0912 MATERIALS ENGINEERING

091201 Ceramics

091202 Composite and Hybrid Materials

091203 Compound Semiconductors

091204 Elemental Semiconductors

091205 Functional Materials

090602Control Systems, Robotics and Automation	091206Glass
090603Industrial Electronics	091207Metals and Alloy Materials
090604Microelectronics and Integrated Circuits	091208Organic Semiconductors
090605Photodetectors, Optical Sensors and Solar Cells	091209Polymers and Plastics
090606Photonics and Electro-Optical Engineering (excl. Communications)	091210Timber, Pulp and Paper
090607Power and Energy Systems Engineering (excl. Renewable Power)	091299Materials Engineering not elsewhere classified
090608Renewable Power and Energy Systems Engineering (excl. Solar Cells)	
090609Signal Processing	
090699Electrical and Electronic Engineering not elsewhere classified	

## **09 ENGINEERING continued**

0913 MECHANICAL ENGINEERING	0915 INTERDISCIPLINARY ENGINEERING
091301Acoustics and Noise Control (excl. Architectural Acoustics)	091501Computational Fluid Dynamics
091302Automation and Control Engineering	091502Computational Heat Transfer
091303Autonomous Vehicles	091503Engineering Practice
091304Dynamics, Vibration and Vibration Control	091504Fluidisation and Fluid Mechanics
091305Energy Generation, Conversion and Storage Engineering	091505Heat and Mass Transfer Operations
091306Microelectromechanical Systems (MEMS)	091506Nuclear Engineering (incl. Fuel Enrichment and Waste Processing and Storage)
091307Numerical Modelling and Mechanical Characterisation	091507Risk Engineering (excl. Earthquake Engineering)
091308Solid Mechanics	091508Turbulent Flows
091309Tribology	091599Interdisciplinary Engineering not elsewhere classified
091399Mechanical Engineering not elsewhere classified	0999 OTHER ENGINEERING
0914 RESOURCES ENGINEERING AND EXTRACTIVE METALLURGY	099901Agricultural Engineering
091401Electrometallurgy	099902Engineering Instrumentation
091402Geomechanics and Resources Geotechnical Engineering	099999Engineering not elsewhere classified
091403Hydrometallurgy	
091404Mineral Processing/Beneficiation	
091405Mining Engineering	
091406Petroleum and Reservoir Engineering	
091407Pyrometallurgy	
091499Resources Engineering and Extractive	

## 10 TECHNOLOGY

### 1001 AGRICULTURAL BIOTECHNOLOGY

- 100101Agricultural Biotechnology Diagnostics (incl. Biosensors)
- 100102Agricultural Marine Biotechnology
- 100103Agricultural Molecular Engineering of Nucleic Acids and Proteins
- 100104Genetically Modified Animals
- 100105Genetically Modified Field Crops and Pasture
- 100106Genetically Modified Horticulture Plants
- 100107Genetically Modified Trees
- 100108Livestock cloning
- 100109Transgenesis
- 100199Agricultural Biotechnology not elsewhere classified

### 1002 ENVIRONMENTAL BIOTECHNOLOGY

- 100201Biodiscovery
- 100202Biological Control
- 100203Bioremediation
- 100204Environmental Biotechnology Diagnostics (incl. Biosensors)
- 100205Environmental Marine Biotechnology
- 100206Environmental Molecular Engineering of Nucleic Acids and Proteins
- 100299Environmental Biotechnology not elsewhere classified

### 1003 INDUSTRIAL BIOTECHNOLOGY

- 100301Biocatalysis and Enzyme Technology
- 100302Bioprocessing, Bioproduction and Bioproducts
- 100303Fermentation
- 100304Industrial Biotechnology Diagnostics (incl. Biosensors)
- 100305Industrial Microbiology (incl. Biofeedstocks)
- 100306Industrial Molecular Engineering of Nucleic Acids and Proteins
- 100399Industrial Biotechnology not elsewhere classified

### 1004 MEDICAL BIOTECHNOLOGY

- 100401Gene and Molecular Therapy

### 1005 COMMUNICATIONS TECHNOLOGIES

- 100501Antennas and Propagation
- 100502Broadband and Modem Technology
- 100503Computer Communications Networks
- 100504Data Communications
- 100505Microwave and Millimetrewave Theory and Technology
- 100506Optical Fibre Communications
- 100507Optical Networks and Systems
- 100508Satellite Communications
- 100509Video Communications
- 100510Wireless Communications

- 100599Communications Technologies not elsewhere classified

### 1006 COMPUTER HARDWARE

- 100601Arithmetic and Logic Structures
- 100602Input, Output and Data Devices
- 100603Logic Design
- 100604Memory Structures
- 100605Performance Evaluation; Testing and Simulation of Reliability
- 100606Processor Architectures

- 100699Computer Hardware not elsewhere classified

### 1007 NANOTECHNOLOGY

- 100701Environmental Nanotechnology
- 100702Molecular and Organic Electronics
- 100703Nanobiotechnology
- 100704Nanoelectromechanical Systems
- 100705Nanoelectronics
- 100706Nanofabrication, Growth and Self Assembly
- 100707Nanomanufacturing
- 100708Nanomaterials

100402Medical Biotechnology Diagnostics (incl. Biosensors)	100709Nanomedicine
100403Medical Molecular Engineering of Nucleic Acids and Proteins	100710Nanometrology
100404Regenerative Medicine (incl. Stem Cells and Tissue Engineering)	100711Nanophotonics
100499Medical Biotechnology not elsewhere classified	100712Nanoscale Characterisation
	100713Nanotoxicology, Health and Safety
	100799Nanotechnology not elsewhere classified
	1099 OTHER TECHNOLOGY
	109999Technology not elsewhere classified

## 11 MEDICAL AND HEALTH SCIENCES

1101 MEDICAL BIOCHEMISTRY AND METABOLOMICS	1106 HUMAN MOVEMENT AND SPORTS SCIENCE
110101Medical Biochemistry: Amino Acids and Metabolites	110601Biomechanics
110102Medical Biochemistry: Carbohydrates	110602Exercise Physiology
110103Medical Biochemistry: Inorganic Elements and Compounds	110603Motor Control
110104Medical Biochemistry: Lipids	110604Sports Medicine
110105Medical Biochemistry: Nucleic Acids	110699Human Movement and Sports Science not elsewhere classified
110106Medical Biochemistry: Proteins and Peptides (incl. Medical Proteomics)	1107 IMMUNOLOGY
110107Metabolic Medicine	110701Allergy
110199Medical Biochemistry and Metabolomics not elsewhere classified	110702Applied Immunology (incl. Antibody Engineering, Xenotransplantation and T-cell Therapies)
1102 CARDIORESPIRATORY MEDICINE AND HAEMATOLOGY	110703Autoimmunity
110201Cardiology (incl. Cardiovascular Diseases)	110704Cellular Immunology
110202Haematology	110705Humoural Immunology and Immunochemistry
110203Respiratory Diseases	110706Immunogenetics (incl. Genetic Immunology)
110299Cardiorespiratory Medicine and Haematology not elsewhere classified	110707Innate Immunity
1103 CLINICAL SCIENCES	110708Transplantation Immunology
110301Anaesthesiology	110709Tumour Immunology
110302Clinical Chemistry (diagnostics)	110799Immunology not elsewhere classified
110303Clinical Microbiology	1108 MEDICAL MICROBIOLOGY
110304Dermatology	110801Medical Bacteriology
110305Emergency Medicine	110802Medical Infection Agents (incl. Prions)
110306Endocrinology	110803Medical Parasitology

110307Gastroenterology and Hepatology	110804Medical Virology
110308Geriatrics and Gerontology	110899Medical Microbiology not elsewhere classified
110309Infectious Diseases	1109 NEUROSCIENCES
110310Intensive Care	110901Autonomic Nervous System
110311Medical Genetics (excl. Cancer Genetics)	110902Cellular Nervous System
110312Nephrology and Urology	110903Central Nervous System
110313Nuclear Medicine	110904Neurology and Neuromuscular Diseases
110314Orthopaedics	110905Peripheral Nervous System
110315Otorhinolaryngology	110906Sensory Systems
110316Pathology (excl. Oral Pathology)	110999Neurosciences not elsewhere classified
110317Physiotherapy	1110 NURSING
110318Podiatry	111001Aged Care Nursing
110319Psychiatry (incl. Psychotherapy)	111002Clinical Nursing: Primary (Preventative)
110320Radiology and Organ Imaging	111003Clinical Nursing: Secondary (Acute Care)
110321Rehabilitation and Therapy (excl. Physiotherapy)	111004Clinical Nursing: Tertiary (Rehabilitative)
110322Rheumatology and Arthritis	111005Mental Health Nursing
110323Surgery	111006Midwifery
110324Venereology	111099Nursing not elsewhere classified
110399Clinical Sciences not elsewhere classified	1111 NUTRITION AND DIETETICS
1104 COMPLEMENTARY AND ALTERNATIVE MEDICINE	111101Clinical and Sports Nutrition
110401Chiropractic	111102Dietetics and Nutrigenomics
110402Naturopathy	111103Nutritional Physiology
110403Traditional Aboriginal and Torres Strait Islander Medicine and Treatments	111104Public Nutrition Intervention
110404Traditional Chinese Medicine and Treatments	111199Nutrition and Dietetics not elsewhere classified
110405Traditional Maori Medicine and Treatments	1112 ONCOLOGY AND CARCINOGENESIS
110499Complementary and Alternative Medicine not elsewhere classified	111201Cancer Cell Biology
1105 DENTISTRY	111202Cancer Diagnosis
110501Dental Materials and Equipment	111203Cancer Genetics
110502Dental Therapeutics, Pharmacology and Toxicology	111204Cancer Therapy (excl. Chemotherapy and Radiation Therapy)
110503Endodontics	111205Chemotherapy
110504Oral and Maxillofacial Surgery	111206Haematological Tumours
110505Oral Medicine and Pathology	111207Molecular Targets
110506Orthodontics and Dentofacial Orthopaedics	111208Radiation Therapy
110507Paedodontics	111209Solid Tumours
110508Periodontics	111299Oncology and Carcinogenesis not elsewhere classified
110509Special Needs Dentistry	

110599Dentistry not elsewhere classified

## **11 MEDICAL AND HEALTH SCIENCES continued**

### **1113 OPHTHALMOLOGY AND OPTOMETRY**

111301Ophthalmology

111302Optical Technology

111303Vision Science

111399Ophthalmology and Optometry not elsewhere  
classified

### **1114 PAEDIATRICS AND REPRODUCTIVE MEDICINE**

111401Foetal Development and Medicine

111402Obstetrics and Gynaecology

111403Paediatrics

111404Reproduction

111499Paediatrics and Reproductive Medicine not  
elsewhere classified

### **1115 PHARMACOLOGY AND PHARMACEUTICAL SCIENCES**

111501Basic Pharmacology

111502Clinical Pharmacology and Therapeutics

111503Clinical Pharmacy and Pharmacy Practice

111504Pharmaceutical Sciences

111505Pharmacogenomics

111506Toxicology (incl. Clinical Toxicology)

111599Pharmacology and Pharmaceutical Sciences  
not elsewhere classified

### **1116 MEDICAL PHYSIOLOGY**

111601Cell Physiology

111602Human Biophysics

111603Systems Physiology

111699Medical Physiology not elsewhere classified

### **1117 PUBLIC HEALTH AND HEALTH SERVICES**

111701Aboriginal and Torres Strait Islander  
Health

111702Aged Health Care

111703Care for Disabled

111704Community Child Health

111705Environmental and Occupational Health  
and Safety

111706Epidemiology

111707Family Care

111708Health and Community Services

111709Health Care Administration

111710Health Counselling

111711Health Information Systems (incl.  
Surveillance)

111712Health Promotion

111713Maori Health

111714Mental Health

111715Pacific Peoples Health

111716Preventive Medicine

111717Primary Health Care

111718Residential Client Care

111799Public Health and Health Services not  
elsewhere classified

### **1199 OTHER MEDICAL AND HEALTH SCIENCES**

119999Medical and Health Sciences not  
elsewhere classified

## **12 BUILT ENVIRONMENT AND DESIGN**

### **1201 ARCHITECTURE**

120101Architectural Design

120102Architectural Heritage and Conservation

120103Architectural History and Theory

120104Architectural Science and Technology (incl.

### **1204 ENGINEERING DESIGN**

120401Engineering Design Empirical Studies

120402Engineering Design Knowledge

120403Engineering Design Methods

120404Engineering Systems Design

Acoustics, Lighting, Structure and Ecologically Sustainable Design)	
120105Architecture Management	120405Models of Engineering Design
120106Interior Design	120499Engineering Design not elsewhere classified
120107Landscape Architecture	1205 URBAN AND REGIONAL PLANNING
120199Architecture not elsewhere classified	120501Community Planning
1202 BUILDING	120502History and Theory of the Built Environment (excl. Architecture)
120201Building Construction Management and Project Planning	120503Housing Markets, Development, Management
120202Building Science and Techniques	120504Land Use and Environmental Planning
120203Quantity Surveying	120505Regional Analysis and Development
120299Building not elsewhere classified	120506Transport Planning
1203 DESIGN PRACTICE AND MANAGEMENT	120507Urban Analysis and Development
120301Design History and Theory	120508Urban Design
120302Design Innovation	120599Urban and Regional Planning not elsewhere classified
120303Design Management and Studio and Professional Practice	1299 OTHER BUILT ENVIRONMENT AND DESIGN
120304Digital and Interaction Design	129999Built Environment and Design not elsewhere classified
120305Industrial Design	
120306Textile and Fashion Design	
120307Visual Communication Design (incl. Graphic Design)	
120399Design Practice and Management not elsewhere classified	

### 13 EDUCATION

1301 EDUCATION SYSTEMS	1303 SPECIALIST STUDIES IN EDUCATION
130101Continuing and Community Education	130301Aboriginal and Torres Strait Islander Education
130102Early Childhood Education (excl. Maori)	130302Comparative and Cross-Cultural Education
130103Higher Education	130303Education Assessment and Evaluation
130104Kura Kaupapa Maori (Maori Primary Education)	130304Educational Administration, Management and Leadership
130105Primary Education (excl. Maori)	130305Educational Counselling
130106Secondary Education	130306Educational Technology and Computing
130107Te Whariki (Maori Early Childhood Education)	130307Ethnic Education (excl. Aboriginal and

	Torres Strait Islander, Maori and Pacific Peoples)
130108Technical, Further and Workplace Education	130308Gender, Sexuality and Education
130199Education Systems not elsewhere classified	130309Learning Sciences
1302 CURRICULUM AND PEDAGOGY	130310Maori Education (excl. Early Childhood and Primary Education)
130201Creative Arts, Media and Communication Curriculum and Pedagogy	130311Pacific Peoples Education
130202Curriculum and Pedagogy Theory and Development	130312Special Education and Disability
130203Economics, Business and Management Curriculum and Pedagogy	130313Teacher Education and Professional Development of Educators
130204English and Literacy Curriculum and Pedagogy (excl. LOTE, ESL and TESOL)	130399Specialist Studies in Education not elsewhere classified
130205Humanities and Social Sciences Curriculum and Pedagogy (excl. Economics, Business and Management)	1399 OTHER EDUCATION
130206Kohanga Reo (Maori Language Curriculum and Pedagogy)	139999Education not elsewhere classified
130207LOTE, ESL and TESOL Curriculum and Pedagogy (excl. Maori)	
130208Mathematics and Numeracy Curriculum and Pedagogy	
130209Medicine, Nursing and Health Curriculum and Pedagogy	
130210Physical Education and Development Curriculum and Pedagogy	
130211Religion Curriculum and Pedagogy	
130212Science, Technology and Engineering Curriculum and Pedagogy	
130213Vocational Education and Training Curriculum and Pedagogy	
130299Curriculum and Pedagogy not elsewhere classified	

## 14 ECONOMICS

1401 ECONOMIC THEORY	1403 ECONOMETRICS
140101History of Economic Thought	140301Cross-Sectional Analysis
140102Macroeconomic Theory	140302Econometric and Statistical Methods
140103Mathematical Economics	140303Economic Models and Forecasting
140104Microeconomic Theory	140304Panel Data Analysis
140199Economic Theory not elsewhere classified	140305Time-Series Analysis
1402 APPLIED ECONOMICS	140399Econometrics not elsewhere classified
140201Agricultural Economics	1499 OTHER ECONOMICS
140202Economic Development and Growth	149901Comparative Economic Systems

140203Economic History	149902Ecological Economics
140204Economics of Education	149903Heterodox Economics
140205Environment and Resource Economics	149999Economics not elsewhere classified
140206Experimental Economics	
140207Financial Economics	
140208Health Economics	
140209Industry Economics and Industrial Organisation	
140210International Economics and International Finance	
140211Labour Economics	
140212Macroeconomics (incl. Monetary and Fiscal Theory)	
140213Public Economics- Public Choice	
140214Public Economics- Publically Provided Goods	
140215Public Economics- Taxation and Revenue	
140216Tourism Economics	
140217Transport Economics	
140218Urban and Regional Economics	
140219Welfare Economics	
140299Applied Economics not elsewhere classified	

## **15 COMMERCE, MANAGEMENT, TOURISM AND SERVICES**

1501 ACCOUNTING, AUDITING AND ACCOUNTABILITY	1504 COMMERCIAL SERVICES
150101Accounting Theory and Standards	150401Food and Hospitality Services
150102Auditing and Accountability	150402Hospitality Management
150103Financial Accounting	150403Real Estate and Valuation Services
150104International Accounting	150404Sport and Leisure Management
150105Management Accounting	150499Commercial Services not elsewhere classified
150106Sustainability Accounting and Reporting	1505 MARKETING
150107Taxation Accounting	150501Consumer-Oriented Product or Service Development
150199Accounting, Auditing and Accountability not elsewhere classified	150502Marketing Communications
1502 BANKING, FINANCE AND INVESTMENT	150503Marketing Management (incl. Strategy and Customer Relations)
150201Finance	150504Marketing Measurement
150202Financial Econometrics	150505Marketing Research Methodology
150203Financial Institutions (incl. Banking)	150506Marketing Theory
150204Insurance Studies	150507Pricing (incl. Consumer Value Estimation)
150205Investment and Risk Management	150599Marketing not elsewhere classified
150299Banking, Finance and Investment not elsewhere classified	1506 TOURISM

1503 BUSINESS AND MANAGEMENT  
 150301 Business Information Management (incl. Records, Knowledge and Information Management, and Intelligence)  
 150302 Business Information Systems  
 150303 Corporate Governance and Stakeholder Engagement  
 150304 Entrepreneurship  
 150305 Human Resources Management  
  
 150306 Industrial Relations  
 150307 Innovation and Technology Management  
  
 150308 International Business  
 150309 Logistics and Supply Chain Management  
  
 150310 Organisation and Management Theory  
  
 150311 Organisational Behaviour  
  
 150312 Organisational Planning and Management  
  
  
 150313 Quality Management  
  
 150314 Small Business Management  
 150399 Business and Management not elsewhere classified

## **16 STUDIES IN HUMAN SOCIETY**

1601 ANTHROPOLOGY  
 160101 Anthropology of Development  
 160102 Biological (Physical) Anthropology  
 160103 Linguistic Anthropology  
 160104 Social and Cultural Anthropology  
 160199 Anthropology not elsewhere classified  
 1602 CRIMINOLOGY  
  
 160201 Causes and Prevention of Crime  
 160202 Correctional Theory, Offender Treatment and Rehabilitation  
 160203 Courts and Sentencing  
 160204 Criminological Theories  
  
 160205 Police Administration, Procedures and Practice

150601 Impacts of Tourism  
 150602 Tourism Forecasting  
  
 150603 Tourism Management  
 150604 Tourism Marketing  
  
 150605 Tourism Resource Appraisal  
 150606 Tourist Behaviour and Visitor Experience  
 150699 Tourism not elsewhere classified  
 1507 TRANSPORTATION AND FREIGHT SERVICES  
 150701 Air Transportation and Freight Services  
 150702 Rail Transportation and Freight Services  
 150703 Road Transportation and Freight Services  
 150799 Transportation and Freight Services not elsewhere classified  
 1599 OTHER COMMERCE, MANAGEMENT, TOURISM AND SERVICES  
 159999 Commerce, Management, Tourism and Services not elsewhere classified

1606 POLITICAL SCIENCE  
 160601 Australian Government and Politics  
 160602 Citizenship  
 160603 Comparative Government and Politics  
 160604 Defence Studies  
 160605 Environmental Politics  
 160606 Government and Politics of Asia and the Pacific  
 160607 International Relations  
 160608 New Zealand Government and Politics  
  
 160609 Political Theory and Political Philosophy  
 160699 Political Science not elsewhere classified  
 1607 SOCIAL WORK

160206Private Policing and Security Services  
160299Criminology not elsewhere classified

1603 DEMOGRAPHY

160301Family and Household Studies  
160302Fertility  
160303Migration

160304Mortality  
160305Population Trends and Policies  
160399Demography not elsewhere classified

1604 HUMAN GEOGRAPHY

160401Economic Geography  
160402Recreation, Leisure and Tourism Geography

160403Social and Cultural Geography

160404Urban and Regional Studies (excl. Planning)  
160499Human Geography not elsewhere classified

1605 POLICY AND ADMINISTRATION

160501Aboriginal and Torres Strait Islander Policy

160502Arts and Cultural Policy  
160503Communications and Media Policy

160504Crime Policy  
160505Economic Development Policy  
160506Education Policy  
160507Environment Policy

160508Health Policy  
160509Public Administration  
160510Public Policy  
160511Research, Science and Technology Policy  
160512Social Policy  
160513Tourism Policy  
160514Urban Policy  
160599Policy and Administration not elsewhere  
classified

160701Clinical Social Work Practice  
160702Counselling, Welfare and Community  
Services

160703Social Program Evaluation  
160799Social Work not elsewhere classified

1608 SOCIOLOGY

160801Applied Sociology, Program Evaluation  
and Social Impact Assessment

160802Environmental Sociology  
160803Race and Ethnic Relations

160804Rural Sociology

160805Social Change

160806Social Theory

160807Sociological Methodology and  
Research Methods

160808Sociology and Social Studies of  
Science and Technology

160809Sociology of Education

160810Urban Sociology and Community  
Studies

160899Sociology not elsewhere classified

1699 OTHER STUDIES IN HUMAN  
SOCIETY

169901Gender Specific Studies

169902Studies of Aboriginal and Torres Strait  
Islander Society

169903Studies of Asian Society

169904Studies of Maori Society

169905Studies of Pacific Peoples' Societies

169999Studies in Human Society not  
elsewhere classified

**17 PSYCHOLOGY AND COGNITIVE SCIENCES**

1701 PSYCHOLOGY

170101Biological Psychology (Neuropsychology,  
Psychopharmacology, Physiological

1702 COGNITIVE SCIENCES

170201Computer Perception, Memory and  
Attention

Psychology)

170102Developmental Psychology and Ageing

170103Educational Psychology

170104Forensic Psychology

170105Gender Psychology

170106Health, Clinical and Counselling Psychology

170107Industrial and Organisational Psychology

170108Kaupapa Maori Psychology

170109Personality, Abilities and Assessment

170110Psychological Methodology, Design and Analysis

170111Psychology of Religion

170112Sensory Processes, Perception and Performance

170113Social and Community Psychology

170114Sport and Exercise Psychology

170199Psychology not elsewhere classified

## **18 LAW AND LEGAL STUDIES**

1801 LAW

180101Aboriginal and Torres Strait Islander Law

180102Access to Justice

180103Administrative Law

180104Civil Law and Procedure

180105Commercial and Contract Law

180106Comparative Law

180107Conflict of Laws (Private International Law)

180108Constitutional Law

180109Corporations and Associations Law

180110Criminal Law and Procedure

180111Environmental and Natural Resources Law

180112Equity and Trusts Law

180113Family Law

180114Human Rights Law

170202Decision Making

170203Knowledge Representation and Machine Learning

170204Linguistic Processes (incl. Speech Production and Comprehension)

170205Neurocognitive Patterns and Neural Networks

170299Cognitive Sciences not elsewhere classified

1799 OTHER PSYCHOLOGY AND COGNITIVE SCIENCES

179999Psychology and Cognitive Sciences not elsewhere classified

1802 MAORI LAW

180201Nga Tikanga Maori (Maori Customary Law)

180202Te Maori Whakakaere Rauemi (Maori Resource Law)

180203Te Tiriti O Waitangi (The Treaty of Waitangi)

180204Te Ture Whenua (Maori Land Law)

180299Maori Law not elsewhere classified

1899 OTHER LAW AND LEGAL STUDIES

189999Law and Legal Studies not elsewhere classified

180115Intellectual Property Law  
 180116International Law (excl. International Trade Law)  
 180117International Trade Law  
 180118Labour Law  
 180119Law and Society  
 180120Legal Institutions (incl. Courts and Justice  
 Systems)  
 180121Legal Practice, Lawyering and the Legal  
 Profession  
 180122Legal Theory, Jurisprudence and Legal  
 Interpretation  
 180123Litigation, Adjudication and Dispute Resolution  
 180124Property Law (excl. Intellectual Property Law)  
 180125Taxation Law  
 180126Tort Law  
 180199Law not elsewhere classified

## 19 STUDIES IN CREATIVE ARTS AND WRITING

1901 ART THEORY AND CRITICISM	1904 PERFORMING ARTS AND CREATIVE WRITING
190101Art Criticism	190401Aboriginal and Torres Strait Islander Performing Arts
190102Art History	190402Creative Writing (incl. Playwriting)
190103Art Theory	190403Dance
190104Visual Cultures	190404Drama, Theatre and Performance Studies
190199Art Theory and Criticism not elsewhere classified	190405Maori Performing Arts
1902 FILM, TELEVISION AND DIGITAL MEDIA	190406Music Composition
190201Cinema Studies	190407Music Performance
190202Computer Gaming and Animation	190408Music Therapy
190203Electronic Media Art	190409Musicology and Ethnomusicology
190204Film and Television	190410Pacific Peoples Performing Arts
190205Interactive Media	190499Performing Arts and Creative Writing not elsewhere classified
190299Film, Television and Digital Media not elsewhere classified	1905 VISUAL ARTS AND CRAFTS
1903 JOURNALISM AND PROFESSIONAL WRITING	190501Crafts
190301Journalism Studies	190502Fine Arts (incl. Sculpture and Painting)
190302Professional Writing	190503Lens-based Practice
190303Technical Writing	190504Performance and Installation Art
190399Journalism and Professional Writing not elsewhere classified	190599Visual Arts and Crafts not elsewhere classified
	1999 OTHER STUDIES IN CREATIVE

ARTS AND WRITING  
 199999Studies in Creative Arts and Writing not  
 elsewhere classified

## 20 LANGUAGE, COMMUNICATION AND CULTURE

2001 COMMUNICATION AND MEDIA STUDIES	2004 LINGUISTICS
200101Communication Studies	200401Applied Linguistics and Educational Linguistics
200102Communication Technology and Digital Media Studies	200402Computational Linguistics
200103International and Development Communication	200403Discourse and Pragmatics
200104Media Studies	200404Laboratory Phonetics and Speech Science
200105Organisational, Interpersonal and Intercultural Communication	200405Language in Culture and Society (Sociolinguistics)
200199Communication and Media Studies not elsewhere classified	200406Language in Time and Space (incl. Historical Linguistics, Dialectology)
2002 CULTURAL STUDIES	200407Lexicography
200201Aboriginal and Torres Strait Islander Cultural Studies	200408Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)
200202Asian Cultural Studies	200499Linguistics not elsewhere classified
200203Consumption and Everyday Life	2005 LITERARY STUDIES
200204Cultural Theory	200501Aboriginal and Torres Strait Islander Literature
200205Culture, Gender, Sexuality	200502Australian Literature (excl. Aboriginal and Torres Strait Islander Literature)
200206Globalisation and Culture	200503British and Irish Literature
200207Maori Cultural Studies	200504Maori Literature
200208Migrant Cultural Studies	200505New Zealand Literature (excl. Maori Literature)
200209Multicultural, Intercultural and Cross-cultural Studies	200506North American Literature
200210Pacific Cultural Studies	200507Pacific Literature
200211Postcolonial Studies	200508Other Literatures in English
200212Screen and Media Culture	200509Central and Eastern European Literature (incl. Russian)
200299Cultural Studies not elsewhere classified	200510Latin and Classical Greek Literature
2003 LANGUAGE STUDIES	200511Literature in French
200301Early English Languages	200512Literature in German
200302English Language	200513Literature in Italian
200303English as a Second Language	200514Literature in Spanish and Portuguese
200304Central and Eastern European Languages (incl. Russian)	200515Other European Literature
200305Latin and Classical Greek Languages	200516Indonesian Literature

200306French Language	200517Literature in Chinese
200307German Language	200518Literature in Japanese
200308Iberian Languages	200519South-East Asian Literature (excl. Indonesian)
200309Italian Language	200520Indian Literature
200310Other European Languages	200521Korean Literature
200311Chinese Languages	200522Other Asian Literature (excl. South-East Asian)
200312Japanese Language	200523Middle Eastern Literature
200313Indonesian Languages	200524Comparative Literature Studies
200314South-East Asian Languages (excl. Indonesian)	200525Literary Theory
200315Indian Languages	200526Stylistics and Textual Analysis
200316Korean Language	200599Literary Studies not elsewhere classified
200317Other Asian Languages (excl. South-East Asian)	2099 OTHER LANGUAGE, COMMUNICATION AND CULTURE
200318Middle Eastern Languages	209999Language, Communication and Culture not elsewhere classified
200319Aboriginal and Torres Strait Islander Languages	
200320Pacific Languages	
200321Te Reo Maori (Maori Language)	
200322Comparative Language Studies	
200323Translation and Interpretation Studies	
200399Language Studies not elsewhere classified	

## 21 HISTORY AND ARCHAEOLOGY

2101 ARCHAEOLOGY	2103 HISTORICAL STUDIES
210101Aboriginal and Torres Strait Islander Archaeology	210301Aboriginal and Torres Strait Islander History
210102Archaeological Science	210302Asian History
210103Archaeology of Asia, Africa and the Americas	210303Australian History (excl. Aboriginal and Torres Strait Islander History)
210104Archaeology of Australia (excl. Aboriginal and Torres Strait Islander)	210304Biography
210105Archaeology of Europe, the Mediterranean and the Levant	210305British History
210106Archaeology of New Guinea and Pacific Islands (excl. New Zealand)	210306Classical Greek and Roman History
210107Archaeology of New Zealand (excl. Maori)	210307European History (excl. British, Classical Greek and Roman)
210108Historical Archaeology (incl. Industrial Archaeology)	210308Latin American History
210109Maori Archaeology	210309Maori History

210110Maritime Archaeology	210310Middle Eastern and African History
210199Archaeology not elsewhere classified	210311New Zealand History
2102 CURATORIAL AND RELATED STUDIES	210312North American History
210201Archival, Repository and Related Studies	210313Pacific History (excl. New Zealand and Maori)
210202Heritage and Cultural Conservation	210399Historical Studies not elsewhere classified
210203Materials Conservation	2199 OTHER HISTORY AND ARCHAEOLOGY
210204Museum Studies	219999History and Archaeology not elsewhere classified
210299Curatorial and Related Studies not elsewhere classified	

## 22 PHILOSOPHY AND RELIGIOUS STUDIES

2201 APPLIED ETHICS	2204 RELIGION AND RELIGIOUS STUDIES
220101Bioethics (human and animal)	220401Christian Studies (incl. Biblical Studies and Church History)
220102Business Ethics	220402Comparative Religious Studies
220103Ethical Use of New Technology (e.g. Nanotechnology, Biotechnology)	220403Islamic Studies
220104Human Rights and Justice Issues	220404Jewish Studies
220105Legal Ethics	220405Religion and Society
220106Medical Ethics	220406Studies in Eastern Religious Traditions
220107Professional Ethics (incl. police and research ethics)	220407Studies in Religious Traditions (excl. Eastern, Jewish, Christian and Islamic Traditions)
220199Applied Ethics not elsewhere classified	220499Religion and Religious Studies not elsewhere classified
2202 HISTORY AND PHILOSOPHY OF SPECIFIC FIELDS	2299 OTHER PHILOSOPHY AND RELIGIOUS STUDIES
220201Business and Labour History	229999Philosophy and Religious Studies not elsewhere classified
220202History and Philosophy of Education	
220203History and Philosophy of Engineering and Technology	
220204History and Philosophy of Law and Justice	
220205History and Philosophy of Medicine	
220206History and Philosophy of Science (incl. Non-historical Philosophy of Science)	
220207History and Philosophy of the Humanities	
220208History and Philosophy of the Social Sciences	
220209History of Ideas	
220210History of Philosophy	
220299History and Philosophy of Specific Fields	

not elsewhere classified  
2203 PHILOSOPHY  
220301Aesthetics  
220302Decision Theory  
220303Environmental Philosophy  
220304Epistemology  
220305Ethical Theory  
220306Feminist Theory  
220307Hermeneutic and Critical Theory  
220308Logic  
220309Metaphysics  
220310Phenomenology  
220311Philosophical Psychology (incl. Moral  
Psychology and Philosophy of Action)  
220312Philosophy of Cognition  
220313Philosophy of Language  
220314Philosophy of Mind (excl. Cognition)  
220315Philosophy of Religion  
220316Philosophy of Specific Cultures (incl.  
Comparative Philosophy)  
220317Poststructuralism  
220318Psychoanalytic Philosophy  
220319Social Philosophy  
220399Philosophy not elsewhere classified

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### APPENDIX 2 SEO OBJECTIVES BY CODE NUMBER

#### 81 DEFENCE

##### 8101 DEFENCE

810101 Air Force

810102 Army

810103 Command, Control and Communications

810104 Emerging Defence Technologies

810105 Intelligence

810106 Logistics

810107 National Security

810108 Navy

810109 Personnel

810199 Defence not elsewhere classified

#### 82 PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS

##### 8201 FORESTRY

820101 Hardwood Plantations

820102 Harvesting and Transport of Forest Products

820103 Integration of Farm and Forestry

820104 Native Forests

820105 Softwood Plantations

820199 Forestry not elsewhere classified

##### 8205 WINTER GRAINS AND OILSEEDS

820501 Barley

820502 Canola

820503 Grain Legumes

820504 Linseed

820505 Lupins

820506 Oats

8202 HORTICULTURAL CROPS	820507Wheat
820201Almonds	820599Winter Grains and Oilseeds not elsewhere classified
820202Berry Fruit (excl. Kiwifruit)	8206 HARVESTING AND PACKING OF PLANT PRODUCTS
820203Citrus Fruit	820601Cotton Lint and Cotton Seed
820204Hops	820602Fresh Fruits and Vegetables (Post Harvest)
820205Kiwifruit	820603Sugar Cane (Cut for Crushing)
820206Macadamias	820604Tobacco Leaf
820207Mushrooms and Truffles	820605Unprocessed Grains
820208Olives	820606Unprocessed Industrial Crops (excl. Sugar, Tobacco and Cotton)
820209Ornamentals, Natives, Flowers and Nursery Plants	820607Unprocessed Oilseeds
820210Pome Fruit, Pip Fruit	820699Harvesting and Packing of Plant Products not elsewhere classified
820211Stone Fruit	8298 ENVIRONMENTALLY SUSTAINABLE PLANT PRODUCTION
820212Table Grapes	829801Management of Gaseous Waste from Plant Production (excl. Greenhouse Gases)
820213Tree Nuts (excl. Almonds and Macadamias)	829802Management of Greenhouse Gas Emissions from Plant Production
820214Tropical Fruit	829803Management of Liquid Waste from Plant Production (excl. Water)
820215Vegetables	829804Management of Solid Waste from Plant Production
820299Horticultural Crops not elsewhere classified	829805Management of Water Consumption by Plant Production
8203 INDUSTRIAL CROPS	829899Environmentally Sustainable Plant Production not elsewhere classified
820301Cotton	8299 OTHER PLANT PRODUCTION AND PLANT PRIMARY PRODUCTS
820302Essential Oil Crops (e.g. Tea Tree, Eucalyptus, Lavender, Peppermint, Boronia, Sandalwood)	829901Forest Product Traceability and Quality Assurance
820303Plant Extract Crops (e.g. Pyrethrum, Jojoba)	829902Plant Product Traceability and Quality Assurance (excl. Forest Products)
820304Sugar	829999Plant Production and Plant Primary Products not elsewhere classified
820305Tobacco	
820306Wine Grapes	
820399Industrial Crops not elsewhere classified	
8204 SUMMER GRAINS AND OILSEEDS	
820401Maize	
820402Rice	
820403Safflower Seed	

820404Sorghum  
820405Soybeans  
820499Summer Grains and Oilseeds not  
elsewhere classified

### **83 ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS**

#### **8301 FISHERIES - AQUACULTURE**

830101Aquaculture Crustaceans (excl. Rock  
Lobster and Prawns)  
830102Aquaculture Fin Fish (excl. Tuna)  
830103Aquaculture Molluscs (excl. Oysters)  
830104Aquaculture Oysters  
830105Aquaculture Prawns  
830106Aquaculture Rock Lobster  
830107Aquaculture Tuna

830199Fisheries - Aquaculture not elsewhere  
classified

#### **8302 FISHERIES - WILD CAUGHT**

830201Fisheries - Recreational  
830202Wild Caught Crustaceans (excl. Rock  
Lobster and Prawns)  
830203Wild Caught Edible Molluscs  
830204Wild Caught Fin Fish (excl. Tuna)  
830205Wild Caught Prawns  
830206Wild Caught Rock Lobster  
830207Wild Caught Tuna

830299Fisheries - Wild Caught not elsewhere  
classified

#### **8303 LIVESTOCK RAISING**

830301Beef Cattle

830302Dairy Cattle

830303Deer

830304Goats

830305Game Livestock (e.g. Kangaroos,  
Wallabies, Camels, Buffaloes, Possums)

830306Horses

#### **8304 PASTURE, BROWSE AND FODDER CROPS**

830401Browse Crops

830402Lucerne

830403Native and Residual Pastures

830404Non-Cereal Crops for Hay

830405Non-Cereal Crops for Silage/Green Feed

830406Sown Pastures (excl. Lucerne)

830499Pasture, Browse and Fodder Crops not  
elsewhere classified

#### **8305 PRIMARY ANIMAL PRODUCTS**

830501Eggs

830502Honey

830503Live Animals

830504Pearls

830505Raw Wool

830506Unprocessed or Minimally Processed Fish

830507Unprocessed or Minimally Processed Milk

830599Primary Animal Products not elsewhere  
classified

#### **8398 ENVIRONMENTALLY SUSTAINABLE ANIMAL PRODUCTION**

839801Management of Gaseous Waste from  
Animal Production (excl. Greenhouse  
Gases)

839802Management of Greenhouse Gas  
Emissions from Animal Production

839803Management of Liquid Waste from Animal  
Production (excl. Water)

839804Management of Solid Waste from Animal  
Production

839805Management of Water Consumption by  
Animal Production

839899Environmentally Sustainable Animal  
Production not elsewhere classified

#### **8399 OTHER ANIMAL PRODUCTION AND ANIMAL PRIMARY PRODUCTS**

830307Minor Livestock (e.g. Alpacas, Ostriches, Crocodiles, Farmed Rabbits)	839901Animal Welfare
830308Pigs	839902Fish Product Traceability and Quality Assurance
830309Poultry	839903Livestock Product Traceability and Quality Assurance
830310Sheep - Meat	839999Animal Production and Animal Primary Products not elsewhere classified
830311Sheep - Wool	
830399Livestock Raising not elsewhere classified	

## **84 MINERAL RESOURCES (EXCL. ENERGY RESOURCES)**

8401 MINERAL EXPLORATION	8403 FIRST STAGE TREATMENT OF ORES AND MINERALS
840101Aluminium Ore Exploration	840301Alumina Production
840102Copper Ore Exploration	840302Beneficiation of Bauxite and Aluminium Ores (excl. Alumina Production)
840103Diamond Exploration	840303Beneficiation or Dressing of Iron Ores
840104Iron Ore Exploration	840304Beneficiation or Dressing of Non-Metallic Minerals (incl. Diamonds)
840105Precious (Noble) Metal Ore Exploration	840305Concentrating Processes of Base Metal Ores (excl. Aluminium and Iron Ores)
840106Stone and Clay Exploration	840306Production of Unrefined Precious Metal Ingots and Concentrates
840107Titanium Minerals, Zircon, and Rare Earth Metal Ore (e.g. Monazite) Exploration	840399First Stage Treatment of Ores and Minerals not elsewhere classified
840108Zinc Ore Exploration	8498 ENVIRONMENTALLY SUSTAINABLE MINERAL RESOURCE ACTIVITIES
840199Mineral Exploration not elsewhere classified	849801Management of Gaseous Waste From Mineral Resource Activities (excl. Greenhouse Gases)
8402 PRIMARY MINING AND EXTRACTION OF MINERAL RESOURCES	849802Management of Greenhouse Gas Emissions from Mineral Resource Activities
840201Mining and Extraction of Aluminium Ores	849803Management of Liquid Waste from Mineral Resource Activities (excl. Water)
840202Mining and Extraction of Copper Ores	849804Management of Solid Waste from Mineral Resource Activities
840203Mining and Extraction of Diamonds	849805Management of Water Consumption by Mineral Resource Activities
840204Mining and Extraction of Iron Ores	849899Environmentally Sustainable Mineral Resource Activities not elsewhere classified
840205Mining and Extraction of Precious (Noble) Metal Ores	8499 OTHER MINERAL RESOURCES (EXCL. ENERGY RESOURCES)
840206Mining and Extraction of Stone and Clay	849999Mineral Resources (excl. Energy Resources) not elsewhere classified
840207Mining and Extraction of Titanium Minerals,	

Zircon, and Rare Earth Metal Ores (e.g.  
Monazite)  
840208Mining and Extraction of Zinc Ores  
840299Primary Mining and Extraction of Mineral  
Resources not elsewhere classified

## 85 ENERGY

8501 ENERGY EXPLORATION	8505 RENEWABLE ENERGY
850101Coal Exploration	850501Biofuel (Biomass) Energy
850102Geothermal Exploration	850502Geothermal Energy
850103Oil and Gas Exploration	850503Hydro-Electric Energy
850104Oil Shale and Tar Sands Exploration	850504Solar-Photovoltaic Energy
850105Uranium Exploration	850505Solar-Thermal Electric Energy
850199Energy Exploration not elsewhere classified	850506Solar-Thermal Energy
8502 MINING AND EXTRACTION OF ENERGY RESOURCES	850507Tidal Energy
850201Coal Mining and Extraction	850508Wave Energy
850202Geothermal Energy Extraction	850509Wind Energy
850203Oil and Gas Extraction	850599Renewable Energy not elsewhere classified
850204Oil Shale and Tar Sands Mining and Extraction	8506 ENERGY STORAGE, DISTRIBUTION AND SUPPLY
850205Uranium Mining and Extraction	850601Energy Services and Utilities
850299Mining and Extraction of Energy Resources not elsewhere classified	850602Energy Storage (excl. Hydrogen)
8503 PREPARATION AND PRODUCTION OF ENERGY SOURCES	850603Energy Systems Analysis
850301Hydrogen Production from Fossil Fuels	850604Energy Transmission and Distribution (excl. Hydrogen)
850302Hydrogen Production from Nuclear Energy	850605Hydrogen Distribution
850303Hydrogen Production from Renewable Energy	850606Hydrogen Storage
850304Oil and Gas Refining	850699Energy Storage, Distribution and Supply not elsewhere classified
850305Preparation of Black Coal	8507 ENERGY CONSERVATION AND EFFICIENCY
850306Preparation of Brown Coal (Lignite)	850701Commercial Energy Conservation and Efficiency
850307Preparation of Oil Shale and Tar Sands	850702Energy Conservation and Efficiency in Transport
850308Preparation of Uranium	850703Industrial Energy Conservation and Efficiency
850309Production of Biofuels (Biomass)	850704Residential Energy Conservation and Efficiency
850399Preparation and Production of Energy Sources not elsewhere classified	850799Energy Conservation and Efficiency not elsewhere classified
8504 ENERGY TRANSFORMATION	8598 ENVIRONMENTALLY SUSTAINABLE

850401Fuel Cells (excl. Solid Oxide)	ENERGY ACTIVITIES
850402Hydrogen-based Energy Systems (incl. Internal Hydrogen Combustion Engines)	859801Management of Gaseous Waste from Energy Activities (excl. Greenhouse Gases)
850403Nuclear Energy	859802Management of Greenhouse Gas Emissions from Electricity Generation
	859803Management of Greenhouse Gas Emissions from Energy Activities (excl. Electricity Generation)
850404Solid Oxide Fuel Cells	859804Management of Liquid Waste from Energy Activities (excl. Water)
850405Transformation of Black Coal into Electricity	859805Management of Solid Waste from Energy Activities
850406Transformation of Brown Coal (Lignite) into Electricity	859806Management of Water Consumption by Energy Activities
850407Transformation of Coal into Gaseous Fuels	859899Environmentally Sustainable Energy Activities not elsewhere classified
850408Transformation of Coal into Liquid Fuels	8599 OTHER ENERGY
850409Transformation of Gas into Electricity	859999Energy not elsewhere classified
850410Transformation of Gas into Liquid Fuels	
850499Energy Transformation not elsewhere classified	

## 86 MANUFACTURING

8601 PROCESSED FOOD PRODUCTS AND BEVERAGES (EXCL. DAIRY PRODUCTS)	8606 INDUSTRIAL CHEMICALS AND RELATED PRODUCTS
860101Bakery Products	860601Industrial Gases
860102Beverages (excl. Fruit Juices)	860602Inorganic Industrial Chemicals
860103Carcass Meat (incl. Fish and Seafood)	860603Lubricants
860104Flour Mill and Cereal Food	860604Organic Industrial Chemicals (excl. Resins, Rubber and Plastics)
860105Nutraceuticals and Functional foods	860605Paints
860106Oils and Fats (incl. Margarines)	860606Plastics in Primary Forms
860107Processed Fish and Seafood Products	860607Plastic Products (incl. Construction Materials)
860108Processed Fruit and Vegetable Products (incl. Fruit Juices)	860608Rubber and Synthetic Resins
860109Processed Meat Products	860609Soaps and Cosmetics
860110Soy Products	860699Industrial Chemicals and Related Products not elsewhere classified
860111Sugar and Confectionery Products	8607 AGRICULTURAL CHEMICALS
860199Processed Food Products and Beverages (excl. Dairy Products) not elsewhere classified	860701Animal Protection Chemicals
8602 DAIRY PRODUCTS	860702Chemical Fertilisers
860201Butter and Milk-Derived Fats and Oils (excl.	860703Crop Protection Chemicals

860202Cream) Casein	860799Agricultural Chemicals not elsewhere classified
860203Cheese	8608 HUMAN PHARMACEUTICAL PRODUCTS
860204Processed Milk and Cream (incl. Powder, Evaporated and Condensed)	860801Human Biological Preventatives (e.g. Vaccines)
860205Whey	860802Human Diagnostics
860299Dairy Products not elsewhere classified	860803Human Pharmaceutical Treatments (e.g. Antibiotics)
8603 PROCESSED NON-FOOD AGRICULTURE PRODUCTS (EXCL. WOOD, PAPER AND FIBRE)	860899Human Pharmaceutical Products not elsewhere classified
860301Essential Oils (e.g. Tea Tree, Eucalyptus, Lavender, Peppermint, Boronia, Sandalwood)	8609 VETERINARY PHARMACEUTICAL PRODUCTS
860302Organic Fertilisers	860901Veterinary Biological Preventatives (e.g. Vaccines)
860303Plant Extracts (e.g. Pyrethrum, Alkaloids, Jojoba Oil)	860902Veterinary Diagnostics
860304Prepared Animal Feed	860903Veterinary Pharmaceutical Treatments (e.g. Antibiotics)
860399Processed Non-Food Agricultural Products (excl. Wood, Paper and Fibre) not elsewhere classified	860999Veterinary Pharmaceutical Products not elsewhere classified
8604 LEATHER PRODUCTS, FIBRE PROCESSING AND TEXTILES	8610 CERAMICS, GLASS AND INDUSTRIAL MINERAL PRODUCTS
860401Clothing	861001Cement Products and Concrete Materials
860402Cotton Ginning	861002Ceramics
860403Natural Fibres, Yarns and Fabrics	861003Clay Products
860404Non-Fabric Textiles (e.g. Felt)	861004Plaster and Plaster Products
860405Processed Skins, Leather and Leather Products	861005Structural Glass and Glass Products
860406Synthetic Fibres, Yarns and Fabrics	861099Ceramics, Glass and Industrial Mineral Products not elsewhere classified
860407Wool Scouring and Top Making	8611 BASIC METAL PRODUCTS (INCL. SMELTING, ROLLING, DRAWING AND EXTRUDING)
860499Leather Products, Fibre Processing and Textiles not elsewhere classified	861101Basic Aluminium Products
8605 WOOD, WOOD PRODUCTS AND PAPER	861102Basic Copper Products
860501Paper Products (incl. Coated Paper)	861103Basic Iron and Steel Products
860502Printing and Publishing Processes	861104Basic Precious Metal Products
860503Pulp and Paper	861105Basic Zinc Products
860504Reconstituted Timber Products (e.g.	861199Basic Metal Products (incl. Smelting,

Chipboard, Particleboard)  
860505Wood Sawing and Veneer  
860599Wood, Wood Products and Paper not  
elsewhere classified

Rolling, Drawing and Extruding) not  
elsewhere classified  
8612 FABRICATED METAL PRODUCTS  
861201Coated Metal and Metal-Coated Products  
  
861202Machined Metal Products  
861203Metal Castings  
861204Semi-Finished Metal Products  
861205Sheet Metal Products  
861206Structural Metal Products  
861299Fabricated Metal Products not elsewhere  
classified

## **86 MANUFACTURING**

### **8613 TRANSPORT EQUIPMENT**

861301Aerospace Equipment  
861302Automotive Equipment  
  
861303Nautical Equipment (excl. Yachts)  
861304Rail Equipment  
861305Yachts  
861399Transport Equipment not elsewhere  
classified

### **8614 MACHINERY AND EQUIPMENT**

861401Agricultural Machinery and Equipment  
861402Appliances and Electrical Machinery and  
Equipment  
861403Industrial Machinery and Equipment  
861404Mining Machinery and Equipment  
861499Machinery and Equipment not elsewhere  
classified

### **8615 INSTRUMENTATION**

861501Industrial Instruments  
  
861502Medical Instruments  
  
861503Scientific Instruments  
  
861599Instrumentation not elsewhere classified

### **8616 COMPUTER HARDWARE AND ELECTRONIC EQUIPMENT**

861601Computer and Electronic Office Equipment  
861602Consumer Electronic Equipment (excl.  
Communication Equipment)  
861603Integrated Circuits and Devices  
861604Integrated Systems  
861605Processor Modules  
861606Satellite Navigation Equipment

861699Computer Hardware and Electronic  
Equipment not elsewhere classified

### **8617 COMMUNICATION EQUIPMENT**

861701Network Infrastructure Equipment  
  
861702Telemetry Equipment  
861703Voice and Data Equipment  
861799Communication Equipment not elsewhere  
classified

### **8698 ENVIRONMENTALLY SUSTAINABLE MANUFACTURING**

869801Management of Gaseous Waste from  
Manufacturing Activities (excl. Greenhouse  
Gases)  
869802Management of Greenhouse Gas  
Emissions from Manufacturing Activities  
869803Management of Liquid Waste from  
Manufacturing Activities (excl. Water)  
869804Management of Solid Waste from  
Manufacturing Activities  
869805Management of Water Consumption by

Manufacturing Activities  
869899Environmentally Sustainable Manufacturing  
not elsewhere classified  
8699 OTHER MANUFACTURING  
869901Furniture  
869999Manufacturing not elsewhere classified

## **87 CONSTRUCTION**

8701 CONSTRUCTION PLANNING  
870101Civil Construction Planning  
870102Commercial Construction Planning  
870103Regional Planning  
870104Residential Construction Planning  
870105Urban Planning  
  
870199Construction Planning not elsewhere  
classified  
8702 CONSTRUCTION DESIGN  
870201Civil Construction Design  
  
870202Commercial Construction Design  
  
870203Industrial Construction Design  
  
870204Residential Construction Design  
  
870299Construction Design not elsewhere  
classified  
  
8703 CONSTRUCTION MATERIALS  
PERFORMANCE AND PROCESSES  
870301Cement and Concrete Materials  
  
870302Metals (e.g. Composites, Coatings,  
Bonding)  
870303Polymeric Materials (e.g. Paints)  
  
870304Stone, Ceramics and Clay Materials  
  
870305Timber Materials  
870399Construction Materials Performance and  
Processes not elsewhere classified

8704 CONSTRUCTION PROCESSES  
870401Civil Construction Processes  
870402Commercial Construction Processes  
870403Industrial Construction Processes  
870404Residential Construction Processes  
870499Construction Processes not elsewhere  
classified  
8705 BUILDING MANAGEMENT AND  
SERVICES  
870501Civil Building Management and Services  
870502Commercial Building Management and  
Services  
870503Residential Building Management and  
Services  
870599Building Management and Services not  
elsewhere classified  
8798 ENVIRONMENTALLY SUSTAINABLE  
CONSTRUCTION  
879801Management of Gaseous Waste from  
Construction Activities (excl. Greenhouse  
Gases)  
879802Management of Greenhouse Gas  
Emissions from Construction Activities  
879803Management of Liquid Waste from  
Construction Activities (excl. Water)  
879804Management of Solid Waste from  
Construction Activities  
879805Management of Water Consumption by  
Construction Activities  
879899Environmentally Sustainable Construction  
not elsewhere classified  
8799 OTHER CONSTRUCTION  
879999Construction not elsewhere classified

## **88 TRANSPORT**

8801 GROUND TRANSPORT	8803 AEROSPACE TRANSPORT
880101Rail Freight	880301Air Freight
880102Rail Infrastructure and Networks	880302Air Passenger Transport
880103Rail Passenger Movements	880303Air Safety
880104Rail Safety	880304Air Terminal Infrastructure and Management
880105Road Freight	880305Space Transport
880106Road Infrastructure and Networks	880399Aerospace Transport not elsewhere classified
880107Road Passenger Movements (excl. Public Transport)	8898 ENVIRONMENTALLY SUSTAINABLE TRANSPORT
880108Road Public Transport	889801Management of Gaseous Waste from Transport Activities (excl. Greenhouse Gases)
880109Road Safety	889802Management of Greenhouse Gas Emissions from Transport Activities
880199Ground Transport not elsewhere classified	889803Management of Liquid Waste from Transport Activities (excl. Water)
8802 WATER TRANSPORT	889804Management of Noise and Vibration from Transport Activities
880201Coastal Sea Freight Transport	889805Management of Solid Waste from Transport Activities
880202International Sea Freight Transport (excl. Live Animal Transport)	889806Management of Water Consumption by Transport Activities
880203International Sea Transport of Live Animals	889899Environmentally Sustainable Transport not elsewhere classified
880204Passenger Water Transport	8899 OTHER TRANSPORT
880205Port Infrastructure and Management	889901Intermodal Materials Handling
880206Water Safety	889902Multimodal Transport
880299Water Transport not elsewhere classified	889903Pipeline Transport
	889904Postal and Package Services (incl. Courier Services)
	889999Transport not elsewhere classified

## 89 INFORMATION AND COMMUNICATION SERVICES

8901 COMMUNICATION NETWORKS AND SERVICES	8903 INFORMATION SERVICES
890101Fixed Line Data Networks and Services	890301Electronic Information Storage and Retrieval Services
890102Fixed Line Telephone Networks and Services	890302Library and Archival Services
890103Mobile Data Networks and Services	890303News Collection Services
890104Mobile Telephone Networks and Services	890399Information Services not elsewhere classified
890105Satellite Communication Networks and Services	8904 MEDIA SERVICES
890106Videoconference Services	890401Animation and Computer Generated

890199Communication Networks and Services not elsewhere classified	Imagery Services
8902 COMPUTER SOFTWARE AND SERVICES	890402Film and Video Services (excl. Animation and Computer Generated Imagery)
890201Application Software Packages (excl. Computer Games)	890403Internet Broadcasting
890202Application Tools and System Utilities	890404Publishing and Print Services (incl. Internet Publishing)
890203Computer Gaming Software	890405Radio and Television Broadcasting
890204Computer Time Leasing, Sharing and Renting Services	890499Media Services not elsewhere classified
	8998 ENVIRONMENTALLY SUSTAINABLE INFORMATION AND COMMUNICATION SERVICES
890205Information Processing Services (incl. Data Entry and Capture)	899801Management of Greenhouse Gas Emissions from Information and Communication Services
890206Internet Hosting Services (incl. Application Hosting Services)	899802Management of Solid Waste from Information and Communication Services
890299Computer Software and Services not elsewhere classified	899803Management of Water Consumption by Information and Communication Services
	899899Environmentally Sustainable Information and Communication Services not elsewhere classified
	8999 OTHER INFORMATION AND COMMUNICATION SERVICES
	899999Information and Communication Services not elsewhere classified

## 90 COMMERCIAL SERVICES AND TOURISM

9001 FINANCIAL SERVICES	9004 WATER AND WASTE SERVICES
900101Finance Services	900401Waste Management Services
900102Investment Services (excl. Superannuation)	900402Waste Recycling Services
900103Superannuation and Insurance Services	900403Water Recycling Services (incl. Sewage and Greywater)
900199Financial Services not elsewhere classified	900404Water Services and Utilities
9002 PROPERTY, BUSINESS SUPPORT SERVICES AND TRADE	900499Water and Waste Services not elsewhere classified
900201Administration and Business Support Services	9098 ENVIRONMENTALLY SUSTAINABLE COMMERCIAL SERVICES AND TOURISM
900202Professional, Scientific and Technical Services	909801Management of Gaseous Waste from Commercial Services and Tourism (excl. Greenhouse Gases)
900203Property Services (incl. Security)	909802Management of Greenhouse Gas Emissions from Commercial Services and Tourism

900204Wholesale and Retail Trade

900299Property, Business Support Services and  
Trade not elsewhere classified  
9003 TOURISM

900301Economic Issues in Tourism

900302Socio-Cultural Issues in Tourism

900303Tourism Infrastructure Development  
900399Tourism not elsewhere classified

## 91 ECONOMIC FRAMEWORK

9101 MACROECONOMICS

910101Balance of Payments  
910102Demography  
910103Economic Growth  
910104Exchange Rates

910105Fiscal Policy

910106Income Distribution  
910107Macro Labour Market Issues  
910108Monetary Policy  
910109Savings and Investments  
910110Taxation  
910199Macroeconomics not elsewhere classified

### 9102 MICROECONOMICS

910201Consumption

910202Human Capital Issues  
910203Industrial Organisations  
910204Industry Costs and Structure  
910205Industry Policy

910206Market-Based Mechanisms

910207Microeconomic Effects of Taxation

909803Management of Liquid Waste from  
Commercial Services and Tourism (excl.  
Water)

909804Management of Solid Waste from  
Commercial Services and Tourism

909805Management of Water Consumption by  
Commercial Services and Tourism

909899Environmentally Sustainable Commercial  
Services and Tourism not elsewhere  
classified  
9099 OTHER COMMERCIAL SERVICES  
AND TOURISM

909901Hospitality Services  
909902Recreational Services  
909999Commercial Services and Tourism not  
elsewhere classified

### 9103 INTERNATIONAL TRADE

910301International Agreements on Trade  
910302Trade Assistance and Protection  
910303Trade Policy  
910399International Trade not elsewhere  
classified

### 9104 MANAGEMENT AND PRODUCTIVITY

910401Industrial Relations  
910402Management  
910403Marketing  
910404Productivity (excl. Public Sector)  
910405Public Sector Productivity  
910406Technological and Organisational  
Innovation  
910499Management and Productivity not  
elsewhere classified

### 9105 MEASUREMENT STANDARDS AND CALIBRATION SERVICES

910501Agricultural and Environmental Standards  
910502Defence Standards and Calibrations  
910503Manufacturing Standards and Calibrations  
910504Service Industries Standards and  
Calibrations  
910599Measurement Standards and Calibration  
Services not elsewhere classified

### 9199 OTHER ECONOMIC FRAMEWORK

910208Micro Labour Market Issues  
910209Preference, Behaviour and Welfare  
910210Production

910211Supply and Demand  
910299Microeconomics not elsewhere classified

919901Carbon and Emissions Trading  
919902Ecological Economics  
919999Economic Framework not elsewhere  
classified

## 92 HEALTH

9201 CLINICAL HEALTH (ORGANS,  
DISEASES AND ABNORMAL CONDITIONS)

920101Blood Disorders

920102Cancer and Related Disorders

920103Cardiovascular System and Diseases

920104Diabetes

920105Digestive System Disorders

920106Endocrine Organs and Diseases (excl.  
Diabetes)

920107Hearing, Vision, Speech and Their Disorders

920108Immune System and Allergy

920109Infectious Diseases

920110Inherited Diseases (incl. Gene Therapy)

920111Nervous System and Disorders

920112Neurodegenerative Disorders Related to  
Ageing

920113Oro-Dental Disorders

920114Reproductive System and Disorders

920115Respiratory System and Diseases (incl.  
Asthma)

920116Skeletal System and Disorders (incl. Arthritis)

920117Skin and Related Disorders

920118Surgical Methods and Procedures

920119Urogenital System and Disorders

9203 INDIGENOUS HEALTH

920301Aboriginal and Torres Strait Islander  
Health - Determinants of Health

920302Aboriginal and Torres Strait Islander  
Health - Health Status and Outcomes

920303Aboriginal and Torres Strait Islander  
Health - Health System Performance (incl.  
Effectiveness of Interventions)

920304Maori Health - Determinants of Health

920305Maori Health - Health Status and  
Outcomes

920306Maori Health - Health System  
Performance (incl. Effectiveness of  
Interventions)

920307Pacific Peoples Health - Determinants of  
Health

920308Pacific Peoples Health - Health Status  
and Outcomes

920309Pacific Peoples Health - Health System  
Performance (incl. Effectiveness of  
Interventions)

920399Indigenous Health not elsewhere  
classified

9204 PUBLIC HEALTH (EXCL.  
SPECIFIC POPULATION HEALTH)

920401Behaviour and Health

920402Dental Health

920403Disability and Functional Capacity

920404Disease Distribution and Transmission  
(incl. Surveillance and Response)

920405Environmental Health

920406Food Safety

920407Health Protection and/or Disaster  
Response

920408Health Status (e.g. Indicators of Well-  
Being)

920120Zoonoses	920409Injury Control
920199Clinical Health (Organs, Diseases and Abnormal Conditions) not elsewhere classified	920410Mental Health
9202 HEALTH AND SUPPORT SERVICES	920411Nutrition
920201Allied Health Therapies (excl. Mental Health Services)	920412Preventive Medicine
920202Carer Health	920413Social Structure and Health
920203Diagnostic Methods	920414Substance Abuse
920204Evaluation of Health Outcomes	920499Public Health (excl. Specific Population Health) not elsewhere classified
920205Health Education and Promotion	9205 SPECIFIC POPULATION HEALTH (EXCL. INDIGENOUS HEALTH)
920206Health Inequalities	920501Child Health
920207Health Policy Economic Outcomes	920502Health Related to Ageing
920208Health Policy Evaluation	920503Health Related to Specific Ethnic Groups
920209Mental Health Services	920504Men's Health
920210Nursing	920505Occupational Health
920211Palliative Care	920506Rural Health
920299Health and Support Services not elsewhere classified	920507Women's Health
	920599Specific Population Health (excl. Indigenous Health) not elsewhere classified
	9299 OTHER HEALTH
	929999Health not elsewhere classified

### **93 EDUCATION AND TRAINING**

9301 LEARNER AND LEARNING	9305 EDUCATION AND TRAINING SYSTEMS
930101Learner and Learning Achievement	930501Education and Training Systems Policies and Development
930102Learner and Learning Processes	930502Management of Education and Training Systems
930103Learner Development	930503Resourcing of Education and Training Systems
930104Moral and Social Development (incl. Affect)	930599Education and Training Systems not elsewhere classified
930199Learner and Learning not elsewhere classified	9399 OTHER EDUCATION AND TRAINING
9302 TEACHING AND INSTRUCTION	939901Aboriginal and Torres Strait Islander Education
930201Pedagogy	939902Education and Training Theory and Methodology
930202Teacher and Instructor Development	939903Equity and Access to Education

930203Teaching and Instruction Technologies  
 930299Teaching and Instruction not elsewhere  
 classified  
 9303 CURRICULUM  
 930301Assessment and Evaluation of Curriculum  
 930302Syllabus and Curriculum Development  
 930399Curriculum not elsewhere classified

9304 SCHOOL/INSTITUTION  
 930401Management and Leadership of  
 Schools/Institutions  
 930402School/Institution Community and  
 Environment  
 930403School/Institution Policies and Development  
 930499School/Institution not elsewhere classified

939904Gender Aspects of Education  
 939905Maori Education  
 939906Pacific Peoples Education  
 939907Special Needs Education  
 939908Workforce Transition and Employment  
 939999Education and Training not elsewhere  
 classified

## **94 LAW, POLITICS AND COMMUNITY SERVICES**

9401 COMMUNITY SERVICE (EXCL.  
 WORK)  
 940101Ability and Disability  
 940102Aboriginal and Torres Strait Islander  
 Development and Welfare  
 940103Ageing and Older People  
 940104Carers' Development and Welfare  
 940105Children's/Youth Services and Childcare  
 940106Citizenship and National Identity  
 940107Comparative Structure and Development of  
 Community Services  
 940108Distribution of Income and Wealth  
 940109Employment Services  
 940110Environmental Services  
 940111Ethnicity, Multiculturalism and Migrant  
 Development and Welfare  
 940112Families and Family Services  
 940113Gender and Sexualities  
 940114Maori Development and Welfare  
 940115Pacific Peoples Development and Welfare  
 940116Social Class and Inequalities  
 940117Structure, Delivery and Financing of  
 Community Services  
 940199Community Service (excl. Work) not  
 elsewhere classified

## **9403 INTERNATIONAL RELATIONS**

940301Defence and Security Policy  
 940302International Aid and Development  
 940303International Organisations  
 940304International Political Economy (excl.  
 International Trade)  
 940399International Relations not elsewhere  
 classified  
 9404 JUSTICE AND THE LAW  
 940401Civil Justice  
 940402Crime Prevention  
 940403Criminal Justice  
 940404Law Enforcement  
 940405Law Reform  
 940406Legal Processes  
 940407Legislation, Civil and Criminal Codes  
 940408Rehabilitation and Correctional Services  
 940499Justice and the Law not elsewhere  
 classified  
 9405 WORK AND INSTITUTIONAL  
 DEVELOPMENT  
 940501Employment Patterns and Change  
 940502Professions and Professionalisation

9402 GOVERNMENT AND POLITICS  
 940201 Civics and Citizenship  
 940202 Electoral Systems  
 940203 Political Systems  
  
 940204 Public Services Policy Advice and Analysis  
  
 940299 Government and Politics not elsewhere  
 classified

940503 Time Use, Unpaid Work and Volunteering  
 940504 Work and Family Responsibilities  
 940505 Workplace Safety  
 940599 Work and Institutional Development not  
 elsewhere classified  
 9499 OTHER LAW, POLITICS AND  
 COMMUNITY SERVICES  
 949999 Law, Politics and Community Services not  
 elsewhere classified

## 95 CULTURAL UNDERSTANDING

9501 ARTS AND LEISURE  
 950101 Music  
 950102 Organised Sports  
 950103 Recreation  
 950104 The Creative Arts (incl. Graphics and Craft)  
 950105 The Performing Arts (incl. Theatre and  
 Dance)  
 950199 Arts and Leisure not elsewhere classified  
  
 9502 COMMUNICATION  
 950201 Communication Across Languages and  
 Culture  
 950202 Languages and Literacy  
 950203 Languages and Literature  
  
 950204 The Media  
  
 950205 Visual Communication  
 950299 Communication not elsewhere classified  
 9503 HERITAGE  
 950301 Ahuatanga Maori (Maori Tradition)  
 950302 Conserving Aboriginal and Torres Strait  
 Islander Heritage  
 950303 Conserving Collections and Movable Cultural  
 Heritage  
 950304 Conserving Intangible Cultural Heritage  
  
 950305 Conserving Natural Heritage  
  
 950306 Conserving Pacific Peoples Heritage  
  
 950307 Conserving the Historic Environment  
 950308 Matauranga Maori (Maori Knowledge)  
 950309 Taonga (Maori Artefacts)

9504 RELIGION AND ETHICS  
 950401 Bioethics  
 950402 Business Ethics  
 950403 Environmental Ethics  
 950404 Religion and Society  
 950405 Religious Structures and Ritual  
  
 950406 Religious Traditions (excl. Structures and  
 Rituals)  
 950407 Social Ethics  
 950408 Technological Ethics  
  
 950409 Workplace and Organisational Ethics  
 950499 Religion and Ethics not elsewhere  
 classified  
 9505 UNDERSTANDING PAST  
 SOCIETIES  
 950501 Understanding Africa's Past  
 950502 Understanding Asia's Past  
 950503 Understanding Australia's Past  
 950504 Understanding Europe's Past  
 950505 Understanding New Zealand's Past  
  
 950506 Understanding the Past of the Americas  
  
 950599 Understanding Past Societies not  
 elsewhere classified  
 9599 OTHER CULTURAL  
 UNDERSTANDING  
 959999 Cultural Understanding not elsewhere  
 classified

950310Tikanga Maori (Maori Customary Practices)  
950311Wahi Taonga (Maori Places of Significance)  
950399Heritage not elsewhere classified

## 96 ENVIRONMENT

### 9601 AIR QUALITY

960101Antarctic and Sub-Antarctic Air Quality

960102Coastal and Estuarine Air Quality

960103Farmland, Arable Cropland and Permanent  
Cropland Air Quality

960104Marine Air Quality

960105Mining Air Quality

960106Urban and Industrial Air Quality

960199Air Quality not elsewhere classified

### 9602 ATMOSPHERE AND WEATHER

960201Atmospheric Composition (incl. Greenhouse  
Gas Inventory)

960202Atmospheric Processes and Dynamics

960203Weather

960299Atmosphere and Weather not elsewhere  
classified

### 9603 CLIMATE AND CLIMATE CHANGE

960301Climate Change Adaptation Measures

### 9604 CONTROL OF PESTS, DISEASES AND EXOTIC SPECIES

960401Border Biosecurity (incl. Quarantine and  
Inspection)

960402Control of Animal Pests, Diseases and  
Exotic Species in Coastal and Estuarine  
Environments

960403Control of Animal Pests, Diseases and  
Exotic Species in Farmland, Arable  
Cropland and Permanent Cropland  
Environments

960404Control of Animal Pests, Diseases and  
Exotic Species in Forest and Woodlands  
Environments

960405Control of Pests, Diseases and Exotic  
Species at Regional or Larger Scales

960406Control of Pests, Diseases and Exotic  
Species in Fresh, Ground and Surface  
Water Environments

960407Control of Pests, Diseases and Exotic  
Species in Marine Environments

960408Control of Pests, Diseases and Exotic  
Species in Mining Environments

960409Control of Pests, Diseases and Exotic  
Species in Mountain and High Country  
Environments

960410Control of Pests, Diseases and Exotic  
Species in Sparseland, Permanent  
Grassland and Arid Zone Environments

960411Control of Pests, Diseases and Exotic  
Species in Urban and Industrial  
Environments

960412Control of Plant Pests, Diseases and  
Exotic Species in Coastal and Estuarine  
Environments

960413Control of Plant Pests, Diseases and  
Exotic Species in Farmland, Arable  
Cropland and Permanent Cropland  
Environments

960414Control of Plant Pests, Diseases and  
Exotic Species in Forest and Woodlands

960302Climate Change Mitigation Strategies	Environments
960303Climate Change Models	960415Pre-Border Biosecurity
960304Climate Variability (excl. Social Impacts)	960499Control of Pests, Diseases and Exotic Species not elsewhere classified
960305Ecosystem Adaptation to Climate Change	9605 ECOSYSTEM ASSESSMENT AND MANAGEMENT
960306Effects of Climate Change and Variability on Antarctic and Sub-Antarctic Environments (excl. Social Impacts)	960501Ecosystem Assessment and Management at Regional or Larger Scales
960307Effects of Climate Change and Variability on Australia (excl. Social Impacts)	960502Ecosystem Assessment and Management of Antarctic and Sub-Antarctic Environments
960308Effects of Climate Change and Variability on New Zealand (excl. Social Impacts)	960503Ecosystem Assessment and Management of Coastal and Estuarine Environments
960309Effects of Climate Change and Variability on the South Pacific (excl. Australia and New Zealand) (excl. Social Impacts)	960504Ecosystem Assessment and Management of Farmland, Arable Cropland and Permanent Cropland Environments
960310Global Effects of Climate Change and Variability (excl. Australia, New Zealand, Antarctica and the South Pacific) (excl. Social Impacts)	960505Ecosystem Assessment and Management of Forest and Woodlands Environments
960311Social Impacts of Climate Change and Variability	960506Ecosystem Assessment and Management of Fresh, Ground and Surface Water Environments
960399Climate and Climate Change not elsewhere classified	960507Ecosystem Assessment and Management of Marine Environments
	960508Ecosystem Assessment and Management of Mining Environments
	960509Ecosystem Assessment and Management of Mountain and High Country Environments
	960510Ecosystem Assessment and Management of Sparseland, Permanent Grassland and Arid Zone Environments
	960511Ecosystem Assessment and Management of Urban and Industrial Environments
	960599Ecosystem Assessment and Management not elsewhere classified

## 96 ENVIRONMENT

9606 ENVIRONMENTAL AND NATURAL RESOURCE EVALUATION	9609 LAND AND WATER MANAGEMENT
960601Economic Incentives for Environmental Protection	960901Antarctic and Sub-Antarctic Land and Water Management
960602Eco-Verification (excl. Environmental Lifecycle Assessment)	960902Coastal and Estuarine Land Management
960603Environmental Lifecycle Assessment	960903Coastal and Estuarine Water

960604Environmental Management Systems	Management 960904Farmland, Arable Cropland and Permanent Cropland Land Management
960605Institutional Arrangements for Environmental Protection	960905Farmland, Arable Cropland and Permanent Cropland Water Management
960606Rights to Environmental and Natural Resources (excl. Water Allocation)	960906Forest and Woodlands Land Management
960607Rural Land Evaluation	960907Forest and Woodlands Water Management
960608Rural Water Evaluation (incl. Water Quality)	960908Mining Land and Water Management
960609Sustainability Indicators	960909Mountain and High Country Land and Water Management
960610Urban Land Evaluation	960910Sparseland, Permanent Grassland and Arid Zone Land and Water Management
960611Urban Water Evaluation (incl. Water Quality)	960911Urban and Industrial Land Management
960699Environmental and Natural Resource Evaluation not elsewhere classified	960912Urban and Industrial Water Management
9607 ENVIRONMENTAL POLICY, LEGISLATION AND STANDARDS	960913Water Allocation and Quantification
960701Coastal and Marine Management Policy	960999Land and Water Management of environments not elsewhere classified
960702Consumption Patterns, Population Issues and the Environment	9610 NATURAL HAZARDS
960703Environmental Education and Awareness	961001Natural Hazards in Antarctic and Sub- Antarctic Environments
960704Land Stewardship	961002Natural Hazards in Coastal and Estuarine Environments
960705Rural Land Policy	961003Natural Hazards in Farmland, Arable Cropland and Permanent Cropland Environments
960706Rural Water Policy	961004Natural Hazards in Forest and Woodlands Environments
960707Trade and Environment	961005Natural Hazards in Fresh, Ground and Surface Water Environments
960708Urban Land Policy	961006Natural Hazards in Marine Environments
960709Urban Water Policy	961007Natural Hazards in Mining Environments
960799Environmental Policy, Legislation and Standards not elsewhere classified	961008Natural Hazards in Mountain and High Country Environments
9608 FLORA, FAUNA AND BIODIVERSITY	961009Natural Hazards in Sparseland, Permanent Grassland and Arid Zone Environments
960801Antarctic and Sub-Antarctic Flora, Fauna and Biodiversity	961010Natural Hazards in Urban and Industrial Environments
960802Coastal and Estuarine Flora, Fauna and Biodiversity	961099Natural Hazards not elsewhere classified
960803Documentation of Undescribed Flora and Fauna	9611 PHYSICAL AND CHEMICAL CONDITIONS OF WATER

960804Farmland, Arable Cropland and Permanent Cropland Flora, Fauna and Biodiversity	961101Physical and Chemical Conditions of Water for Urban and Industrial Use
960805Flora, Fauna and Biodiversity at Regional or Larger Scales	961102Physical and Chemical Conditions of Water in Coastal and Estuarine Environments
960806Forest and Woodlands Flora, Fauna and Biodiversity	961103Physical and Chemical Conditions of Water in Fresh, Ground and Surface Water Environments (excl. Urban and Industrial Use)
960807Fresh, Ground and Surface Water Flora, Fauna and Biodiversity	961104Physical and Chemical Conditions of Water in Marine Environments
960808Marine Flora, Fauna and Biodiversity	961199Physical and Chemical Conditions of Water not elsewhere classified
960809Mining Flora, Fauna and Biodiversity	
960810Mountain and High Country Flora, Fauna and Biodiversity	
960811Sparseland, Permanent Grassland and Arid Zone Flora, Fauna and Biodiversity	
960812Urban and Industrial Flora, Fauna and Biodiversity	
960899Flora, Fauna and Biodiversity of environments not elsewhere classified	

## 96 ENVIRONMENT

9612 REHABILITATION OF DEGRADED ENVIRONMENTS	9614 SOILS
961201Rehabilitation of Degraded Coastal and Estuarine Environments	961401Coastal and Estuarine Soils
961202Rehabilitation of Degraded Farmland, Arable Cropland and Permanent Cropland Environments	961402Farmland, Arable Cropland and Permanent Cropland Soils
961203Rehabilitation of Degraded Forest and Woodlands Environments	961403Forest and Woodlands Soils
961204Rehabilitation of Degraded Fresh, Ground and Surface Water Environments	961404Mining Soils
961205Rehabilitation of Degraded Mining Environments	961405Mountain and High Country Soils
961206Rehabilitation of Degraded Mountain and High Country Environments	961406Sparseland, Permanent Grassland and Arid Zone Soils
961207Rehabilitation of Degraded Sparseland, Permanent Grassland and Arid Zone Environments	961407Urban and Industrial Soils
961208Rehabilitation of Degraded Urban and Industrial Environments	961499Soils not elsewhere classified
961299Rehabilitation of Degraded Environments not elsewhere classified	9699 OTHER ENVIRONMENT
9613 REMNANT VEGETATION AND	969901Antarctic and Sub-Antarctic Oceanography

## PROTECTED CONSERVATION AREAS

- |  |  |
|--|--|
| 961301Protected Conservation Areas in Antarctic and Sub-Antarctic Environments   | 969902Marine Oceanic Processes (excl. climate related) |
| 961302Protected Conservation Areas in Fresh, Ground and Surface Water Environments   | 969999Environment not elsewhere classified             |
| 961303Protected Conservation Areas in Marine Environments  |  |
| 961304Remnant Vegetation and Protected Conservation Areas in Coastal and Estuarine Environments                            |  |
| 961305Remnant Vegetation and Protected Conservation Areas in Farmland, Arable Cropland and Permanent Cropland Environments |  |
| 961306Remnant Vegetation and Protected Conservation Areas in Forest and Woodlands Environments                             |  |
| 961307Remnant Vegetation and Protected Conservation Areas in Mountain and High Country Environments                        |  |
| 961308Remnant Vegetation and Protected Conservation Areas at Regional or Larger Scales                                     |  |
| 961309Remnant Vegetation and Protected Conservation Areas in Sparseland, Permanent Grassland and Arid Zone Environments    |  |
| 961310Remnant Vegetation and Protected Conservation Areas in Urban and Industrial Environments                             |  |
| 961399Remnant Vegetation and Protected Conservation Areas not elsewhere classified   |  |

## 97 EXPANDING KNOWLEDGE

- 9701 EXPANDING KNOWLEDGE
- 970101Expanding Knowledge in the Mathematical Sciences
- 970102Expanding Knowledge in the Physical Sciences
- 970103Expanding Knowledge in the Chemical Sciences
- 970104Expanding Knowledge in the Earth Sciences
- 970105Expanding Knowledge in the Environmental Sciences

- 970106Expanding Knowledge in the Biological Sciences
- 970107Expanding Knowledge in the Agricultural and Veterinary Sciences
- 970108Expanding Knowledge in the Information and Computing Sciences
- 970109Expanding Knowledge in Engineering
- 970110Expanding Knowledge in Technology
- 970111Expanding Knowledge in the Medical and Health Sciences
- 970112Expanding Knowledge in Built Environment and Design
- 970113Expanding Knowledge in Education
- 970114Expanding Knowledge in Economics
- 970115Expanding Knowledge in Commerce, Management, Tourism and Services
- 970116Expanding Knowledge through Studies of Human Society
- 970117Expanding Knowledge in Psychology and Cognitive Sciences
- 970118Expanding Knowledge in Law and Legal Studies
- 970119Expanding Knowledge through Studies of the Creative Arts and Writing
- 970120Expanding Knowledge in Language, Communication and Culture
- 970121Expanding Knowledge in History and Archaeology
- 970122Expanding Knowledge in Philosophy and Religious Studies

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### APPENDIX 3 ALPHABETIC INDEX OF FOR FIELDS

A	060801	Animal Behaviour
210101 Aboriginal and Torres Strait Islander Archaeology	070201	Animal Breeding
200201 Aboriginal and Torres Strait Islander Cultural Studies	060802	Animal Cell and Molecular Biology
130301 Aboriginal and Torres Strait Islander Education	060803	Animal Developmental and Reproductive Biology
050201 Aboriginal and Torres Strait Islander Environmental Knowledge	070202	Animal Growth and Development
111701 Aboriginal and Torres Strait Islander Health	060804	Animal Immunology
210301 Aboriginal and Torres Strait Islander History	070203	Animal Management
080601 Aboriginal and Torres Strait Islander Information and Knowledge Systems	060805	Animal Neurobiology
080701 Aboriginal and Torres Strait Islander Knowledge Management	070204	Animal Nutrition
200319 Aboriginal and Torres Strait Islander Languages	060806	Animal Physiological Ecology
180101 Aboriginal and Torres Strait Islander Law	060601	Animal Physiology - Biophysics
200501 Aboriginal and Torres Strait Islander Literature	060602	Animal Physiology - Cell

190401Aboriginal and Torres Strait Islander Performing Arts	060603	Animal Physiology - Systems
160501Aboriginal and Torres Strait Islander Policy	070299	Animal Production not elsewhere classified
180102Access to Justice	070205	Animal Protection (Pests and Pathogens)
150101Accounting Theory and Standards	070206	Animal Reproduction
150199Accounting, Auditing and Accountability not elsewhere classified	060807	Animal Structure and Function
020301Acoustics and Acoustical Devices; Waves	060301	Animal Systematics and Taxonomy
091301Acoustics and Noise Control (excl. Architectural Acoustics)	100501	Antennas and Propagation
080101Adaptive Agents and Intelligent Robotics	060401	Anthropological Genetics
180103Administrative Law	160199	Anthropology not elsewhere classified
090101Aerodynamics (excl. Hypersonic Aerodynamics)	160101	Anthropology of Development
090199Aerospace Engineering not elsewhere classified	080202	Applied Discrete Mathematics
090102Aerospace Materials	140299	Applied Economics not elsewhere classified
090103Aerospace Structures	220199	Applied Ethics not elsewhere classified
220301Aesthetics	110702	Applied Immunology (incl. Antibody Engineering, Xenotransplantation and T-cell Therapies)
111001Aged Care Nursing	200401	Applied Linguistics and Educational Linguistics
111702Aged Health Care	010299	Applied Mathematics not elsewhere classified
079999Agricultural and Veterinary Sciences not elsewhere classified	160801	Applied Sociology, Program Evaluation and Social Impact Assessment
100101Agricultural Biotechnology Diagnostics (incl. Biosensors)	010401	Applied Statistics
100199Agricultural Biotechnology not elsewhere classified	010201	Approximation Theory and Asymptotic Methods
140201Agricultural Economics	070401	Aquaculture
099901Agricultural Engineering	070402	Aquatic Ecosystem Studies and Stock Assessment
079901Agricultural Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)	210102	Archaeological Science
070101Agricultural Land Management	210199	Archaeology not elsewhere classified
070102Agricultural Land Planning	210103	Archaeology of Asia, Africa and the Americas
100102Agricultural Marine Biotechnology	210104	Archaeology of Australia (excl. Aboriginal and Torres Strait Islander)
100103Agricultural Molecular Engineering of Nucleic Acids and Proteins	210105	Archaeology of Europe, the Mediterranean and the Levant
070103Agricultural Production Systems Simulation	210106	Archaeology of New Guinea and Pacific Islands (excl. New Zealand)
070104Agricultural Spatial Analysis and Modelling	210107	Archaeology of New Zealand (excl. Maori)
070105Agricultural Systems Analysis and Modelling	120101	Architectural Design

070199Agriculture, Land and Farm Management not elsewhere classified	120102	Architectural Heritage and Conservation
070301Agro-ecosystem Function and Prediction	120103	Architectural History and Theory
070501Agroforestry	120104	Architectural Science and Technology (incl. Acoustics, Lighting, Structure and Ecologically Sustainable Design)
070302Agronomy	120105	Architecture Management
150701Air Transportation and Freight Services	120199	Architecture not elsewhere classified
090104Aircraft Performance and Flight Control Systems	210201	Archival, Repository and Related Studies
010101Algebra and Number Theory	100601	Arithmetic and Logic Structures
010102Algebraic and Differential Geometry	190101	Art Criticism
010501Algebraic Structures in Mathematical Physics	190102	Art History
110701Allergy	190103	Art Theory
110301Anaesthesiology	190199	Art Theory and Criticism not elsewhere classified
080201Analysis of Algorithms and Complexity	080199	Artificial Intelligence and Image Processing not elsewhere classified
060101Analytical Biochemistry	080102	Artificial Life
030199Analytical Chemistry not elsewhere classified	160502	Arts and Cultural Policy
030101Analytical Spectrometry	200202	Asian Cultural Studies
210302Asian History	120201	Building Construction Management and Project Planning
020101Astrobiology	120299	Building not elsewhere classified
020102Astronomical and Space Instrumentation	120202	Building Science and Techniques
020199Astronomical and Space Sciences not elsewhere classified	129999	Built Environment and Design not elsewhere classified
040101Atmospheric Aerosols	220201	Business and Labour History
040102Atmospheric Dynamics	150399	Business and Management not elsewhere classified
040103Atmospheric Radiation	220102	Business Ethics
040199Atmospheric Sciences not elsewhere classified	150301	Business Information Management (incl. Records, Knowledge and Information Management, and Intelligence)
020201Atomic and Molecular Physics	150302	Business Information Systems
020299Atomic, Molecular, Nuclear, Particle and Plasma Physics not elsewhere classified		C
150102Auditing and Accountability	091001	CAD/CAM Systems
160601Australian Government and Politics	010203	Calculus of Variations, Systems Theory and Control Theory
210303Australian History (excl. Aboriginal and Torres Strait Islander History)	111201	Cancer Cell Biology
200502Australian Literature (excl. Aboriginal and Torres Strait Islander Literature)	111202	Cancer Diagnosis
110703Autoimmunity	111203	Cancer Genetics

091302Automation and Control Engineering	111204	Cancer Therapy (excl. Chemotherapy and Radiation Therapy)
090201Automotive Combustion and Fuel Engineering (incl. Alternative/Renewable Fuels)	090401	Carbon Capture Engineering (excl. Sequestration)
090202Automotive Engineering Materials	050301	Carbon Sequestration Science
090299Automotive Engineering not elsewhere classified	110201	Cardiology (incl. Cardiovascular Diseases)
090203Automotive Mechatronics	110299	Cardiorespiratory Medicine and Haematology not elsewhere classified
090204Automotive Safety Engineering	111703	Care for Disabled
110901Autonomic Nervous System	090901	Cartography
091303Autonomous Vehicles	030601	Catalysis and Mechanisms of Reactions
090105Avionics	090402	Catalytic Process Engineering
B	010103	Category Theory, K Theory, Homological Algebra
060501Bacteriology	160201	Causes and Prevention of Crime
150299Banking, Finance and Investment not elsewhere classified	060402	Cell and Nuclear Division
111501Basic Pharmacology	060103	Cell Development, Proliferation and Death
040301Basin Analysis	060104	Cell Metabolism
060201Behavioural Ecology	060105	Cell Neurochemistry
100301Biocatalysis and Enzyme Technology	111601	Cell Physiology
060199Biochemistry and Cell Biology not elsewhere classified	110704	Cellular Immunology
100201Biodiscovery	060106	Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)
220101Bioethics (human and animal)	110902	Cellular Nervous System
060302Biogeography and Phylogeography	200304	Central and Eastern European Languages (incl. Russian)
210304Biography	200509	Central and Eastern European Literature (incl. Russian)
060102Bioinformatics	110903	Central Nervous System
080301Bioinformatics Software	091201	Ceramics
030201Bioinorganic Chemistry	030403	Characterisation of Biological Macromolecules
160102Biological (Physical) Anthropology	030301	Chemical Characterisation of Materials
060303Biological Adaptation	090403	Chemical Engineering Design
100202Biological Control	090499	Chemical Engineering not elsewhere classified
010202Biological Mathematics	040502	Chemical Oceanography
040501Biological Oceanography	039999	Chemical Sciences not elsewhere classified
029901Biological Physics	030602	Chemical Thermodynamics and Energetics
170101Biological Psychology (Neuropsychology, Psychopharmacology, Physiological Psychology)	030404	Cheminformatics and Quantitative Structure-Activity Relationships
069999Biological Sciences not elsewhere classified	111205	Chemotherapy

030401Biologically Active Molecules	200311	Chinese Languages
090301Biomaterials	110401	Chiropractic
090302Biomechanical Engineering	220401	Christian Studies (incl. Biblical Studies and Church History)
110601Biomechanics	190201	Cinema Studies
090399Biomedical Engineering not elsewhere classified	090601	Circuits and Systems
090303Biomedical Instrumentation	160602	Citizenship
030402Biomolecular Modelling and Design	090599	Civil Engineering not elsewhere classified
100302Bioprocessing, Bioproduction and Bioproducts	090501	Civil Geotechnical Engineering
100203Bioremediation	180104	Civil Law and Procedure
010402Biostatistics	020501	Classical and Physical Optics
200503British and Irish Literature	210306	Classical Greek and Roman History
210305British History	020399	Classical Physics not elsewhere classified
100502Broadband and Modem Technology	040104	Climate Change Processes
040105Climatology (excl. Climate Change Processes)	050202	Conservation and Biodiversity
111101Clinical and Sports Nutrition	180108	Constitutional Law
110302Clinical Chemistry (diagnostics)	090502	Construction Engineering
110303Clinical Microbiology	090503	Construction Materials
111002Clinical Nursing: Primary (Preventative)	150501	Consumer-Oriented Product or Service Development
111003Clinical Nursing: Secondary (Acute Care)	200203	Consumption and Everyday Life
111004Clinical Nursing: Tertiary (Rehabilitative)	130101	Continuing and Community Education
111502Clinical Pharmacology and Therapeutics	090602	Control Systems, Robotics and Automation
111503Clinical Pharmacy and Pharmacy Practice	150303	Corporate Governance and Stakeholder Engagement
110399Clinical Sciences not elsewhere classified	180109	Corporations and Associations Law
160701Clinical Social Work Practice	160202	Correctional Theory, Offender Treatment and Rehabilitation
040106Cloud Physics	020103	Cosmology and Extragalactic Astronomy
080401Coding and Information Theory	160702	Counselling, Welfare and Community Services
170299Cognitive Sciences not elsewhere classified	160203	Courts and Sentencing
030603Colloid and Surface Chemistry	190501	Crafts
010104Combinatorics and Discrete Mathematics (excl. Physical Combinatorics)	130201	Creative Arts, Media and Communication Curriculum and Pedagogy
159999Commerce, Management, Tourism and Services not elsewhere classified	190402	Creative Writing (incl. Playwriting)
180105Commercial and Contract Law	160504	Crime Policy
150499Commercial Services not elsewhere classified	180110	Criminal Law and Procedure
200199Communication and Media Studies not elsewhere classified	160204	Criminological Theories
200101Communication Studies	160299	Criminology not elsewhere classified

200102Communication Technology and Digital Media Studies	070303	Crop and Pasture Biochemistry and Physiology
160503Communications and Media Policy	070304	Crop and Pasture Biomass and Bioproducts
100599Communications Technologies not elsewhere classified	070305	Crop and Pasture Improvement (Selection and Breeding)
111704Community Child Health	070306	Crop and Pasture Nutrition
060202Community Ecology (excl. Invasive Species Ecology)	070307	Crop and Pasture Post Harvest Technologies (incl. Transportation and Storage)
120501Community Planning	070399	Crop and Pasture Production not elsewhere classified
130302Comparative and Cross-Cultural Education	070308	Crop and Pasture Protection (Pests, Diseases and Weeds)
149901Comparative Economic Systems	140301	Cross-Sectional Analysis
160603Comparative Government and Politics	200299	Cultural Studies not elsewhere classified
200322Comparative Language Studies	200204	Cultural Theory
180106Comparative Law	200205	Culture, Gender, Sexuality
200524Comparative Literature Studies	210299	Curatorial and Related Studies not elsewhere classified
060604Comparative Physiology	130299	Curriculum and Pedagogy not elsewhere classified
220402Comparative Religious Studies	130202	Curriculum and Pedagogy Theory and Development
110499Complementary and Alternative Medicine not elsewhere classified		D
029902Complex Physical Systems	190403	Dance
091202Composite and Hybrid Materials	100504	Data Communications
091203Compound Semiconductors	080402	Data Encryption
080299Computation Theory and Mathematics not elsewhere classified	080499	Data Format not elsewhere classified
091501Computational Fluid Dynamics	080403	Data Structures
091502Computational Heat Transfer	080604	Database Management
200402Computational Linguistics	170202	Decision Making
080203Computational Logic and Formal Languages	080605	Decision Support and Group Support Systems
100503Computer Communications Networks	220302	Decision Theory
190202Computer Gaming and Animation	160604	Defence Studies
080103Computer Graphics	020601	Degenerate Quantum Gases and Atom Optics
100699Computer Hardware not elsewhere classified	160399	Demography not elsewhere classified
170201Computer Perception, Memory and Attention	110501	Dental Materials and Equipment
080399Computer Software not elsewhere classified	110502	Dental Therapeutics, Pharmacology and Toxicology
080302Computer System Architecture	110599	Dentistry not elsewhere classified
080303Computer System Security	110304	Dermatology
080104Computer Vision	120301	Design History and Theory

080602Computer-Human Interaction	120302	Design Innovation
080603Conceptual Modelling	120303	Design Management and Studio and Professional Practice
080304Concurrent Programming	120399	Design Practice and Management not elsewhere classified
020401Condensed Matter Characterisation Technique Development	060403	Developmental Genetics (incl. Sex Determination)
020402Condensed Matter Imaging	170102	Developmental Psychology and Ageing
020403Condensed Matter Modelling and Density Functional Theory	111102	Dietetics and Nutrigenomics
020499Condensed Matter Physics not elsewhere classified	120304	Digital and Interaction Design
180107Conflict of Laws (Private International Law)	200403	Discourse and Pragmatics
080501Distributed and Grid Systems	180111	Environmental and Natural Resources Law
080599Distributed Computing not elsewhere classified	111705	Environmental and Occupational Health and Safety
190404Drama, Theatre and Performance Studies	100204	Environmental Biotechnology Diagnostics (incl. Biosensors)
010204Dynamical Systems in Applications	100299	Environmental Biotechnology not elsewhere classified
091304Dynamics, Vibration and Vibration Control	039901	Environmental Chemistry (incl. Atmospheric Chemistry)
E	050203	Environmental Education and Extension
130102Early Childhood Education (excl. Maori)	090701	Environmental Engineering Design
200301Early English Languages	090702	Environmental Engineering Modelling
049999Earth Sciences not elsewhere classified	090799	Environmental Engineering not elsewhere classified
090504Earthquake Engineering	050204	Environmental Impact Assessment
050199Ecological Applications not elsewhere classified	050205	Environmental Management
149902Ecological Economics	100205	Environmental Marine Biotechnology
050101Ecological Impacts of Climate Change	100206	Environmental Molecular Engineering of Nucleic Acids and Proteins
060203Ecological Physiology	050206	Environmental Monitoring
060299Ecology not elsewhere classified	100701	Environmental Nanotechnology
140302Econometric and Statistical Methods	220303	Environmental Philosophy
140399Econometrics not elsewhere classified	160605	Environmental Politics
140202Economic Development and Growth	050207	Environmental Rehabilitation (excl. Bioremediation)
160505Economic Development Policy	050299	Environmental Science and Management not elsewhere classified
160401Economic Geography	059999	Environmental Sciences not elsewhere classified
140203Economic History	160802	Environmental Sociology
140303Economic Models and Forecasting	090703	Environmental Technologies
140199Economic Theory not elsewhere classified	060107	Enzymes

149999Economics not elsewhere classified	111706	Epidemiology
140204Economics of Education	060404	Epigenetics (incl. Genome Methylation and Epigenomics)
130203Economics, Business and Management Curriculum and Pedagogy	220304	Epistemology
050102Ecosystem Function	180112	Equity and Trusts Law
130303Education Assessment and Evaluation	220305	Ethical Theory
139999Education not elsewhere classified	220103	Ethical Use of New Technology (e.g. Nanotechnology, Biotechnology)
160506Education Policy	130307	Ethnic Education (excl. Aboriginal and Torres Strait Islander, Maori and Pacific Peoples)
130199Education Systems not elsewhere classified	060304	Ethology and Sociobiology
130304Educational Administration, Management and Leadership	210307	European History (excl. British, Classical Greek and Roman)
130305Educational Counselling	060305	Evolution of Developmental Systems
170103Educational Psychology	060399	Evolutionary Biology not elsewhere classified
130306Educational Technology and Computing	060306	Evolutionary Impacts of Climate Change
040401Electrical and Electromagnetic Methods in Geophysics	110602	Exercise Physiology
090699Electrical and Electronic Engineering not elsewhere classified	140206	Experimental Economics
030102Electroanalytical Chemistry	080105	Expert Systems
030604Electrochemistry	040201	Exploration Geochemistry
091401Electrometallurgy	040302	Extraterrestrial Geology
020404Electronic and Magnetic Properties of Condensed Matter; Superconductivity		F
190203Electronic Media Art	160301	Family and Household Studies
020302Electrostatics and Electrodynamics	111707	Family Care
091204Elemental Semiconductors	180113	Family Law
110305Emergency Medicine	070106	Farm Management, Rural Management and Agribusiness
110306Endocrinology	070107	Farming Systems Research
110503Endodontics	030202	f-Block Chemistry
091305Energy Generation, Conversion and Storage Engineering	220306	Feminist Theory
120401Engineering Design Empirical Studies	100303	Fermentation
120402Engineering Design Knowledge	079902	Fertilisers and Agrochemicals (incl. Application)
120403Engineering Design Methods	160302	Fertility
120499Engineering Design not elsewhere classified	020602	Field Theory and String Theory
099902Engineering Instrumentation	190204	Film and Television
099999Engineering not elsewhere classified	190299	Film, Television and Digital Media not elsewhere classified
091503Engineering Practice	150201	Finance
120404Engineering Systems Design	150103	Financial Accounting

130204English and Literacy Curriculum and Pedagogy (excl. LOTE, ESL and TESOL)	150202	Financial Econometrics
200303English as a Second Language	140207	Financial Economics
200302English Language	150203	Financial Institutions (incl. Banking)
150304Entrepreneurship	010205	Financial Mathematics
140205Environment and Resource Economics	190502	Fine Arts (incl. Sculpture and Painting)
160507Environment Policy	070404	Fish Pests and Diseases
070405Fish Physiology and Genetics	069902	Global Change Biology
070403Fisheries Management	080606	Global Information Systems
070499Fisheries Sciences not elsewhere classified	200206	Globalisation and Culture
091002Flexible Manufacturing Systems	160606	Government and Politics of Asia and the Pacific
090106Flight Dynamics	040405	Gravimetrics
030103Flow Analysis	010105	Group Theory and Generalisations H
020303Fluid Physics	111206	Haematological Tumours
091504Fluidisation and Fluid Mechanics	110202	Haematology
111401Foetal Development and Medicine	111708	Health and Community Services
150401Food and Hospitality Services	111709	Health Care Administration
090801Food Chemistry and Molecular Gastronomy (excl. Wine)	111710	Health Counselling
090802Food Engineering	140208	Health Economics
090803Food Nutritional Balance	080702	Health Informatics
090804Food Packaging, Preservation and Safety	111711	Health Information Systems (incl. Surveillance)
090805Food Processing	160508	Health Policy
090899Food Sciences not elsewhere classified		
069901Forensic Biology	111712	Health Promotion
039902Forensic Chemistry	170106	Health, Clinical and Counselling Psychology
170104Forensic Psychology	091505	Heat and Mass Transfer Operations
010403Forensic Statistics	210202	Heritage and Cultural Conservation
070502Forestry Biomass and Bioproducts	220307	Hermeneutic and Critical Theory
070503Forestry Fire Management	149903	Heterodox Economics
070504Forestry Management and Environment	020106	High Energy Astrophysics; Cosmic Rays
070505Forestry Pests, Health and Diseases	130103	Higher Education
070506Forestry Product Quality Assessment	210108	Historical Archaeology (incl. Industrial Archaeology)
070599Forestry Sciences not elsewhere classified	210399	Historical Studies not elsewhere classified
030501Free Radical Chemistry	219999	History and Archaeology not elsewhere classified
	220202	History and Philosophy of Education
200306French Language	220203	History and Philosophy of Engineering and Technology
060204Freshwater Ecology		
	220204	History and Philosophy of Law and Justice
091205Functional Materials	220205	History and Philosophy of Medicine
G	220206	History and Philosophy of Science (incl. Non-historical Philosophy of Science)
020104Galactic Astronomy		

110307Gastroenterology and Hepatology	220299History and Philosophy of Specific Fields not elsewhere classified
170105Gender Psychology	220207History and Philosophy of the Humanities
169901Gender Specific Studies	220208History and Philosophy of the Social Sciences
130308Gender, Sexuality and Education	120502History and Theory of the Built Environment (excl. Architecture)
100401Gene and Molecular Therapy	140101History of Economic Thought
060405Gene Expression (incl. Microarray and other genome-wide approaches)	220209History of Ideas
020105General Relativity and Gravitational Waves	220210History of Philosophy
060406Genetic Immunology	070601Horticultural Crop Growth and Development
100104Genetically Modified Animals	070602Horticultural Crop Improvement (Selection and Breeding)
100105Genetically Modified Field Crops and Pasture	070603Horticultural Crop Protection (Pests, Diseases and Weeds)
100106Genetically Modified Horticulture Plants	070699Horticultural Production not elsewhere classified
100107Genetically Modified Trees	150402Hospitality Management
060499Genetics not elsewhere classified	060307Host-Parasite Interactions
060407Genome Structure and Regulation	120503Housing Markets, Development, Management
060408Genomics	111602Human Biophysics
040299Geochemistry not elsewhere classified	160499Human Geography not elsewhere classified
040303Geochronology	080703Human Information Behaviour
090902Geodesy	110699Human Movement and Sports Science not elsewhere classified
040402Geodynamics	150305Human Resources Management
040399Geology not elsewhere classified	220104Human Rights and Justice Issues
090999Geomatic Engineering not elsewhere classified	180114Human Rights Law
091402Geomechanics and Resources Geotechnical Engineering	070207Humane Animal Treatment
040601Geomorphology and Regolith and Landscape Evolution	130205Humanities and Social Sciences Curriculum and Pedagogy (excl. Economics, Business and Management)
040403Geophysical Fluid Dynamics	110705Humoural Immunology and Immunochemistry
040499Geophysics not elsewhere classified	090205Hybrid Vehicles and Powertrains
090903Geospatial Information Systems	040603Hydrogeology
040404Geothermics and Radiometrics	091403Hydrometallurgy
110308Geriatrics and Gerontology	090107Hypersonic Propulsion and Hypersonic Aerodynamics
200307German Language	I
040602Glaciology	200308Iberian Languages
091206Glass	040304Igneous and Metamorphic Petrology
080106Image Processing	190399Journalism and Professional Writing not elsewhere classified
110706Immunogenetics (incl. Genetic Immunology)	190301Journalism Studies
030104Immunological and Bioassay Methods	K

110799Immunology not elsewhere classified	170108Kaupapa Maori Psychology
150601Impacts of Tourism	170203Knowledge Representation and Machine Learning
200315Indian Languages	130206Kohanga Reo (Maori Language Curriculum and Pedagogy)
200520Indian Literature	200316Korean Language
200313Indonesian Languages	200521Korean Literature
200516Indonesian Literature	130104Kura Kaupapa Maori (Maori Primary Education) L
170107Industrial and Organisational Psychology	200404Laboratory Phonetics and Speech Science
100304Industrial Biotechnology Diagnostics (incl. Biosensors)	140211Labour Economics
100399Industrial Biotechnology not elsewhere classified	180118Labour Law
039903Industrial Chemistry	050302Land Capability and Soil Degradation
120305Industrial Design	120504Land Use and Environmental Planning
090603Industrial Electronics	120107Landscape Architecture
100305Industrial Microbiology (incl. Biofeedstocks)	050104Landscape Ecology
100306Industrial Molecular Engineering of Nucleic Acids and Proteins	200405Language in Culture and Society (Sociolinguistics)
150306Industrial Relations	200406Language in Time and Space (incl. Historical Linguistics, Dialectology)
140209Industry Economics and Industrial Organisation	200399Language Studies not elsewhere classified
060502Infectious Agents	209999Language, Communication and Culture not elsewhere classified
110309Infectious Diseases	020502Lasers and Quantum Electronics
089999Information and Computing Sciences not elsewhere classified	210308Latin American History
080607Information Engineering and Theory	200305Latin and Classical Greek Languages
080704Information Retrieval and Web Search	200510Latin and Classical Greek Literature
080608Information Systems Development Methodologies	189999Law and Legal Studies not elsewhere classified
080609Information Systems Management	180119Law and Society
080699Information Systems not elsewhere classified	180199Law not elsewhere classified
080610Information Systems Organisation	130309Learning Sciences
080611Information Systems Theory	220105Legal Ethics
080705Informetrics	180120Legal Institutions (incl. Courts and Justice Systems)
090505Infrastructure Engineering and Asset Management	180121Legal Practice, Lawyering and the Legal Profession
110707Innate Immunity	180122Legal Theory, Jurisprudence and Legal Interpretation
150307Innovation and Technology Management	190503Lens-based Practice
030299Inorganic Chemistry not elsewhere classified	200407Lexicography
040202Inorganic Geochemistry	080706Librarianship
030203Inorganic Green Chemistry	

100602Input, Output and Data Devices	080799Library and Information Studies not elsewhere classified
030105Instrumental Methods (excl. Immunological and Bioassay Methods)	010106Lie Groups, Harmonic and Fourier Analysis
150204Insurance Studies	060308Life Histories
010502Integrable Systems (Classical and Quantum)	160103Linguistic Anthropology
180115Intellectual Property Law	170204Linguistic Processes (incl. Speech Production and Comprehension)
110310Intensive Care	200408Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)
190205Interactive Media	200499Linguistics not elsewhere classified
091599Interdisciplinary Engineering not elsewhere classified	200599Literary Studies not elsewhere classified
120106Interior Design	200525Literary Theory
150104International Accounting	200517Literature in Chinese
200103International and Development Communication	200511Literature in French
150308International Business	200512Literature in German
140210International Economics and International Finance	200513Literature in Italian
180116International Law (excl. International Trade Law)	200518Literature in Japanese
160607International Relations	200514Literature in Spanish and Portuguese
180117International Trade Law	180123Litigation, Adjudication and Dispute Resolution
080612Interorganisational Information Systems and Web Services	100108Livestock cloning
050103Invasive Species Ecology	220308Logic
060808Invertebrate Biology	100603Logic Design
150205Investment and Risk Management	150309Logistics and Supply Chain Management
220403Islamic Studies	130207LOTE, ESL and TESOL Curriculum and Pedagogy (excl. Maori)
040203Isotope Geochemistry	M
200309Italian Language	091003Machine Tools
J	091004Machining
200312Japanese Language	140102Macroeconomic Theory
220404Jewish Studies	140212Macroeconomics (incl. Monetary and Fiscal Theory)
030399Macromolecular and Materials Chemistry not elsewhere classified	110802Medical Infection Agents (incl. Prions)
040406Magnetism and Palaeomagnetism	110899Medical Microbiology not elsewhere classified
030204Main Group Metal Chemistry	100403Medical Molecular Engineering of Nucleic Acids and Proteins
150105Management Accounting	110803Medical Parasitology
091099Manufacturing Engineering not elsewhere classified	029903Medical Physics
091005Manufacturing Management	111699Medical Physiology not elsewhere classified

091006Manufacturing Processes and Technologies (excl. Textiles)	110804Medical Virology
091007Manufacturing Robotics and Mechatronics (excl. Automotive Mechatronics)	030499Medicinal and Biomolecular Chemistry not elsewhere classified
091008Manufacturing Safety and Quality	130209Medicine, Nursing and Health Curriculum and Pedagogy
210109Maori Archaeology	090404Membrane and Separation Technologies
200207Maori Cultural Studies	100604Memory Structures
130310Maori Education (excl. Early Childhood and Primary Education)	111714Mental Health
050208Maori Environmental Knowledge	111005Mental Health Nursing
111713Maori Health	020107Mesospheric, Ionospheric and Magnetospheric Physics
210309Maori History	110107Metabolic Medicine
080613Maori Information and Knowledge Systems	091207Metals and Alloy Materials
180299Maori Law not elsewhere classified	220309Metaphysics
200504Maori Literature	040107Meteorology
190405Maori Performing Arts	060504Microbial Ecology
060205Marine and Estuarine Ecology (incl. Marine Ichthyology)	060503Microbial Genetics
091101Marine Engineering	060599Microbiology not elsewhere classified
040305Marine Geoscience	140104Microeconomic Theory
210110Maritime Archaeology	091306Microelectromechanical Systems (MEMS)
091199Maritime Engineering not elsewhere classified	090604Microelectronics and Integrated Circuits
150502Marketing Communications	091009Microtechnology
150503Marketing Management (incl. Strategy and Customer Relations)	100505Microwave and Millimetrewave Theory and Technology
150504Marketing Measurement	210310Middle Eastern and African History
150599Marketing not elsewhere classified	200318Middle Eastern Languages
150505Marketing Research Methodology	200523Middle Eastern Literature
150506Marketing Theory	111006Midwifery
080404Markup Languages	200208Migrant Cultural Studies
210203Materials Conservation	160303Migration
091299Materials Engineering not elsewhere classified	091404Mineral Processing/Beneficiation
010503Mathematical Aspects of Classical Mechanics, Quantum Mechanics and Quantum Information Theory	040306Mineralogy and Crystallography
010504Mathematical Aspects of General Relativity	091405Mining Engineering
010505Mathematical Aspects of Quantum and Conformal Field Theory, Quantum Gravity and String Theory	080502Mobile Technologies
140103Mathematical Economics	120405Models of Engineering Design
010107Mathematical Logic, Set Theory, Lattices and Universal Algebra	100702Molecular and Organic Electronics
010599Mathematical Physics not elsewhere classified	060409Molecular Evolution
019999Mathematical Sciences not elsewhere	030405Molecular Medicine

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080204Mathematical Software	111207Molecular Targets
130208Mathematics and Numeracy Curriculum and Pedagogy	160304Mortality
091399Mechanical Engineering not elsewhere classified	110603Motor Control
200104Media Studies	200209Multicultural, Intercultural and Cross-cultural Studies
119999Medical and Health Sciences not elsewhere classified	080305Multimedia Programming
110801Medical Bacteriology	210204Museum Studies
110199Medical Biochemistry and Metabolomics not elsewhere classified	190406Music Composition
110101Medical Biochemistry: Amino Acids and Metabolites	190407Music Performance
110102Medical Biochemistry: Carbohydrates	190408Music Therapy
110103Medical Biochemistry: Inorganic Elements and Compounds	190409Musicology and Ethnomusicology
110104Medical Biochemistry: Lipids	060505Mycology
110105Medical Biochemistry: Nucleic Acids	N
110106Medical Biochemistry: Proteins and Peptides (incl. Medical Proteomics)	100703Nanobiotechnology
100402Medical Biotechnology Diagnostics (incl. Biosensors)	030302Nanochemistry and Supramolecular Chemistry
100499Medical Biotechnology not elsewhere classified	100704Nanoelectromechanical Systems
090304Medical Devices	100705Nanoelectronics
220106Medical Ethics	100706Nanofabrication, Growth and Self Assembly
110311Medical Genetics (excl. Cancer Genetics)	100707Nanomanufacturing
100708Nanomaterials	110505Oral Medicine and Pathology
100709Nanomedicine	010109Ordinary Differential Equations, Difference Equations and Dynamical Systems
100710Nanometrology	040307Ore Deposit Petrology
100711Nanophotonics	030503Organic Chemical Synthesis
100712Nanoscale Characterisation	030599Organic Chemistry not elsewhere classified
100799Nanotechnology not elsewhere classified	040204Organic Geochemistry
100713Nanotoxicology, Health and Safety	030504Organic Green Chemistry
040604Natural Hazards	091208Organic Semiconductors
080107Natural Language Processing	150310Organisation and Management Theory
030502Natural Products Chemistry	080707Organisation of Information and Knowledge Resources
050209Natural Resource Management	150311Organisational Behaviour
110402Naturopathy	150312Organisational Planning and Management
091102Naval Architecture	200105Organisational, Interpersonal and Intercultural Communication
090904Navigation and Position Fixing	039904Organometallic Chemistry

110312Nephrology and Urology	110506Orthodontics and Dentofacial Orthopaedics
080503Networking and Communications	110314Orthopaedics
080108Neural, Evolutionary and Fuzzy Computation	200317Other Asian Languages (excl. South-East Asian)
170205Neurocognitive Patterns and Neural Networks	200522Other Asian Literature (excl. South-East Asian)
060410Neurogenetics	200310Other European Languages
110904Neurology and Neuromuscular Diseases	200515Other European Literature
110999Neurosciences not elsewhere classified	200508Other Literatures in English
160608New Zealand Government and Politics	110315Otorhinolaryngology
210311New Zealand History	P
200505New Zealand Literature (excl. Maori Literature)	200210Pacific Cultural Studies
180201Nga Tikanga Maori (Maori Customary Law)	210313Pacific History (excl. New Zealand and Maori)
090405Non-automotive Combustion and Fuel Engineering (incl. Alternative/Renewable Fuels)	200320Pacific Languages
020503Nonlinear Optics and Spectroscopy	200507Pacific Literature
030205Non-metal Chemistry	130311Pacific Peoples Education
210312North American History	050210Pacific Peoples Environmental Knowledge
200506North American Literature	111715Pacific Peoples Health
091506Nuclear Engineering (incl. Fuel Enrichment and Waste Processing and Storage)	080614Pacific Peoples Information and Knowledge Systems
110313Nuclear Medicine	190410Pacific Peoples Performing Arts
020202Nuclear Physics	091010Packaging, Storage and Transportation (excl. Food and Agricultural Products)
010301Numerical Analysis	111403Paediatrics
010399Numerical and Computational Mathematics not elsewhere classified	111499Paediatrics and Reproductive Medicine not elsewhere classified
080205Numerical Computation	110507Paedodontics
091307Numerical Modelling and Mechanical Characterisation	040605Palaeoclimatology
010302Numerical Solution of Differential and Integral Equations	060206Palaeoecology
111099Nursing not elsewhere classified	040308Palaeontology (incl. Palynology)
111199Nutrition and Dietetics not elsewhere classified	140304Panel Data Analysis
111103Nutritional Physiology	010110Partial Differential Equations
O	020203Particle Physics
111402Obstetrics and Gynaecology	110316Pathology (excl. Oral Pathology)
091103Ocean Engineering	080109Pattern Recognition and Data Mining
040599Oceanography not elsewhere classified	190504Performance and Installation Art
070604Oenology and Viticulture	100605Performance Evaluation; Testing and Simulation of Reliability
111299Oncology and Carcinogenesis not elsewhere classified	190499Performing Arts and Creative Writing not elsewhere classified
080306Open Software	110508Periodontics
080307Operating Systems	110905Peripheral Nervous System
010206Operations Research	170109Personality, Abilities and Assessment

010108Operator Algebras and Functional Analysis	040309Petroleum and Coal Geology
111301Ophthalmology	091406Petroleum and Reservoir Engineering
111399Ophthalmology and Optometry not elsewhere classified	111504Pharmaceutical Sciences
100506Optical Fibre Communications	111505Pharmacogenomics
100507Optical Networks and Systems	111599Pharmacology and Pharmaceutical Sciences not elsewhere classified
020599Optical Physics not elsewhere classified	220310Phenomenology
030303Optical Properties of Materials	220311Philosophical Psychology (incl. Moral Psychology and Philosophy of Action)
111302Optical Technology	229999Philosophy and Religious Studies not elsewhere classified
010303Optimisation	220399Philosophy not elsewhere classified
110504Oral and Maxillofacial Surgery	220312Philosophy of Cognition
220313Philosophy of Language	030406Proteins and Peptides
220314Philosophy of Mind (excl. Cognition)	060109Proteomics and Intermolecular Interactions (excl. Medical Proteomics)
220315Philosophy of Religion	110319Psychiatry (incl. Psychotherapy)
220316Philosophy of Specific Cultures (incl. Comparative Philosophy)	220318Psychoanalytic Philosophy
090605Photodetectors, Optical Sensors and Solar Cells	170110Psychological Methodology, Design and Analysis
090905Photogrammetry and Remote Sensing	179999Psychology and Cognitive Sciences not elsewhere classified
090606Photonics and Electro-Optical Engineering (excl. Communications)	170199Psychology not elsewhere classified
020504Photonics, Optoelectronics and Optical Communications	170111Psychology of Religion
060701Phycology (incl. Marine Grasses)	160509Public Administration
060309Phylogeny and Comparative Analysis	140213Public Economics- Public Choice
030699Physical Chemistry not elsewhere classified	140214Public Economics- Publically Provided Goods
030304Physical Chemistry of Materials	140215Public Economics- Taxation and Revenue
130210Physical Education and Development Curriculum and Pedagogy	111799Public Health and Health Services not elsewhere classified
040699Physical Geography and Environmental Geoscience not elsewhere classified	111104Public Nutrition Intervention
040503Physical Oceanography	160510Public Policy
030505Physical Organic Chemistry	010199Pure Mathematics not elsewhere classified
029999Physical Sciences not elsewhere classified	091407Pyrometallurgy
060699Physiology not elsewhere classified	Q
110317Physiotherapy	030106Quality Assurance, Chemometrics, Traceability and Metrological Chemistry
020108Planetary Science (excl. Extraterrestrial Geology)	150313Quality Management
060799Plant Biology not elsewhere classified	060412Quantitative Genetics (incl. Disease and Trait Mapping Genetics)

060702Plant Cell and Molecular Biology	120203Quantity Surveying
060703Plant Developmental and Reproductive Biology	030701Quantum Chemistry
060704Plant Pathology	020603Quantum Information, Computation and Communication
060705Plant Physiology	020604Quantum Optics
060310Plant Systematics and Taxonomy	020699Quantum Physics not elsewhere classified
020204Plasma Physics; Fusion Plasmas; Electrical Discharges	040606Quaternary Environments
110318Podiatry	160803Race and Ethnic Relations
160205Police Administration, Procedures and Practice	030702Radiation and Matter
160599Policy and Administration not elsewhere classified	111208Radiation Therapy
160699Political Science not elsewhere classified	110320Radiology and Organ Imaging
160609Political Theory and Political Philosophy	150702Rail Transportation and Freight Services
030305Polymerisation Mechanisms	030703Reaction Kinetics and Dynamics
091209Polymers and Plastics	010111Real and Complex Functions (incl. Several Variables)
060207Population Ecology	150403Real Estate and Valuation Services
160305Population Trends and Policies	060110Receptors and Membrane Biology
060411Population, Ecological and Evolutionary Genetics	080708Records and Information Management (excl. Business Records and Information Management)
070605Post Harvest Horticultural Technologies (incl. Transportation and Storage)	160402Recreation, Leisure and Tourism Geography
200211Postcolonial Studies	100404Regenerative Medicine (incl. Stem Cells and Tissue Engineering)
070406Post-Harvest Fisheries Technologies (incl. Transportation)	120505Regional Analysis and Development
220317Poststructuralism	110321Rehabilitation and Therapy (excl. Physiotherapy)
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090607Power and Energy Systems Engineering (excl. Renewable Power)	220499Religion and Religious Studies not elsewhere classified
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010404Probability Theory	091499Resources Engineering and Extractive Metallurgy not elsewhere classified
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100606Processor Architectures	090408Rheology

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060108Protein Trafficking	
S	199999Studies in Creative Arts and Writing not elsewhere classified
100508Satellite Communications	220406Studies in Eastern Religious Traditions
090108Satellite, Space Vehicle and Missile Design and Testing	169999Studies in Human Society not elsewhere classified
130212Science, Technology and Engineering Curriculum and Pedagogy	220407Studies in Religious Traditions (excl. Eastern, Jewish, Christian and Islamic Traditions)
200212Screen and Media Culture	169902Studies of Aboriginal and Torres Strait Islander Society
130106Secondary Education	169903Studies of Asian Society
040310Sedimentology	169904Studies of Maori Society
040407Seismology and Seismic Exploration	169905Studies of Pacific Peoples' Societies
030107Sensor Technology (Chemical aspects)	200526Stylistics and Textual Analysis
170112Sensory Processes, Perception and Performance	040607Surface Processes
110906Sensory Systems	
030108Separation Science	020406Surfaces and Structural Properties of Condensed Matter
091104Ship and Platform Hydrodynamics	040608Surfacewater Hydrology
091105Ship and Platform Structures	110323Surgery
090609Signal Processing	090906Surveying (incl. Hydrographic Surveying)
060111Signal Transduction	150106Sustainability Accounting and Reporting
080110Simulation and Modelling	070108Sustainable Agricultural Development
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220319Social Philosophy	180125Taxation Law
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160703Social Program Evaluation	180203Te Tiriti O Waitangi (The Treaty of Waitangi)
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160808Sociology and Social Studies of Science and	130313Teacher Education and Professional

Technology  
160899Sociology not elsewhere classified  
160809Sociology of Education  
020405Soft Condensed Matter  
080309Software Engineering  
050303Soil Biology  
050304Soil Chemistry (excl. Carbon Sequestration Science)  
050305Soil Physics  
050399Soil Sciences not elsewhere classified  
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030206Solid State Chemistry  
111209Solid Tumours  
030605Solution Chemistry  
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200519South-East Asian Literature (excl. Indonesian)  
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130399Specialist Studies in Education not elsewhere classified  
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110604Sports Medicine  
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010506Statistical Mechanics, Physical Combinatorics and Mathematical Aspects of Condensed Matter  
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020110Stellar Astronomy and Planetary Systems  
010406Stochastic Analysis and Modelling  
040311Stratigraphy (incl. Biostratigraphy and Sequence Stratigraphy)  
060112Structural Biology (incl. Macromolecular Modelling)  
030606Structural Chemistry and Spectroscopy  
090506Structural Engineering  
040312Structural Geology  
030607Transport Properties and Non-Equilibrium Processes  
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190303Technical Writing  
130108Technical, Further and Workplace Education  
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060208Terrestrial Ecology  
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010207Theoretical and Applied Mechanics  
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150606Tourist Behaviour and Visitor Experience  
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110404Traditional Chinese Medicine and Treatments  
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030207Transition Metal Chemistry  
200323Translation and Interpretation Studies  
  
110708Transplantation Immunology  
  
140217Transport Economics  
090507Transport Engineering  
120506Transport Planning  
070709Veterinary Pathology  
  
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elsewhere classified	
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070508Tree Nutrition and Physiology	070711Veterinary Surgery
091309Tribology	070712Veterinary Virology
040108Tropospheric and Stratospheric Physics	100509Video Communications
110709Tumour Immunology	060506Virology
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080504Ubiquitous Computing	190599Visual Arts and Crafts not elsewhere classified
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	190104Visual Cultures
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160514Urban Policy	090508Water Quality Engineering
160810Urban Sociology and Community Studies	090509Water Resources Engineering
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070702Veterinary Anatomy and Physiology	090806Wine Chemistry and Wine Sensory Science
070703Veterinary Diagnosis and Diagnostics	100510Wireless Communications
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939901 Aboriginal and Torres Strait Islander Education	840303 Beneficiation or Dressing of Iron Ores
920301 Aboriginal and Torres Strait Islander Health - Determinants of Health	840304 Beneficiation or Dressing of Non-Metallic Minerals (incl. Diamonds)
920302 Aboriginal and Torres Strait Islander Health - Health Status and Outcomes	820202 Berry Fruit (excl. Kiwifruit)
920303 Aboriginal and Torres Strait Islander Health - Health System Performance (incl. Effectiveness of Interventions)	860102 Beverages (excl. Fruit Juices)
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950301 Ahuatanga Maori (Maori Tradition)	860201 Butter and Milk-Derived Fats and Oils

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880301Air Freight	920102Cancer and Related Disorders
880302Air Passenger Transport	820502Canola
960199Air Quality not elsewhere classified	919901Carbon and Emissions Trading
880303Air Safety	860103Carcass Meat (incl. Fish and Seafood)
880304Air Terminal Infrastructure and Management	920103Cardiovascular System and Diseases
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840101Aluminium Ore Exploration	870301Cement and Concrete Materials
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861799Communication Equipment not elsewhere classified	959999Cultural Understanding not elsewhere classified
890199Communication Networks and Services not elsewhere classified	930399Curriculum not elsewhere classified
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870399Construction Materials Performance and Processes not elsewhere classified	940108Distribution of Income and Wealth
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879899Environmentally Sustainable Construction not elsewhere classified	960905Farmland, Arable Cropland and Permanent Cropland Water Management
859899Environmentally Sustainable Energy Activities not elsewhere classified	890402Film and Video Services (excl. Animation and Computer Generated Imagery)
899899Environmentally Sustainable Information and Communication Services not elsewhere classified	900101Finance Services
869899Environmentally Sustainable Manufacturing not elsewhere classified	900199Financial Services not elsewhere classified
849899Environmentally Sustainable Mineral Resource Activities not elsewhere classified	840399First Stage Treatment of Ores and Minerals not elsewhere classified
910105Fiscal Policy	860899Human Pharmaceutical Products not elsewhere classified
839902Fish Product Traceability and Quality Assurance	860803Human Pharmaceutical Treatments (e.g. Antibiotics)

830199Fisheries - Aquaculture not elsewhere classified	850503Hydro-Electric Energy
830201Fisheries - Recreational	850605Hydrogen Distribution
830299Fisheries - Wild Caught not elsewhere classified	850301Hydrogen Production from Fossil Fuels
890101Fixed Line Data Networks and Services	850302Hydrogen Production from Nuclear Energy
890102Fixed Line Telephone Networks and Services	850303Hydrogen Production from Renewable Energy
960805Flora, Fauna and Biodiversity at Regional or Larger Scales	850606Hydrogen Storage
960899Flora, Fauna and Biodiversity of environments not elsewhere classified	850402Hydrogen-based Energy Systems (incl. Internal Hydrogen Combustion Engines)
860104Flour Mill and Cereal Food	I
920406Food Safety	920108Immune System and Allergy
960806Forest and Woodlands Flora, Fauna and Biodiversity	910106Income Distribution
960906Forest and Woodlands Land Management	920399Indigenous Health not elsewhere classified
961403Forest and Woodlands Soils	860699Industrial Chemicals and Related Products not elsewhere classified
960907Forest and Woodlands Water Management	870203Industrial Construction Design
829901Forest Product Traceability and Quality Assurance	870403Industrial Construction Processes
820199Forestry not elsewhere classified	820399Industrial Crops not elsewhere classified
820602Fresh Fruits and Vegetables (Post Harvest)	850703Industrial Energy Conservation and Efficiency
960807Fresh, Ground and Surface Water Flora, Fauna and Biodiversity	860601Industrial Gases
850401Fuel Cells (excl. Solid Oxide)	861501Industrial Instruments
869901Furniture	861403Industrial Machinery and Equipment
G	910203Industrial Organisations
830305Game Livestock (e.g. Kangaroos, Wallabies, Camels, Buffaloes, Possums)	910401Industrial Relations
940113Gender and Sexualities	910204Industry Costs and Structure
939904Gender Aspects of Education	910205Industry Policy
850502Geothermal Energy	920109Infectious Diseases
850202Geothermal Energy Extraction	899999Information and Communication Services not elsewhere classified
850102Geothermal Exploration	890205Information Processing Services (incl. Data Entry and Capture)
960310Global Effects of Climate Change and Variability (excl. Australia, New Zealand, Antarctica and the South Pacific) (excl. Social Impacts)	890399Information Services not elsewhere classified
830304Goats	920110Inherited Diseases (incl. Gene Therapy)
940299Government and Politics not elsewhere classified	920409Injury Control
820503Grain Legumes	860602Inorganic Industrial Chemicals
880199Ground Transport not elsewhere classified	960605Institutional Arrangements for Environmental Protection
H	861599Instrumentation not elsewhere classified

820101Hardwood Plantations	861603Integrated Circuits and Devices
820699Harvesting and Packing of Plant Products not elsewhere classified	861604Integrated Systems
820102Harvesting and Transport of Forest Products	820103Integration of Farm and Forestry
920299Health and Support Services not elsewhere classified	810105Intelligence
920205Health Education and Promotion	889901Intermodal Materials Handling
920206Health Inequalities	910301International Agreements on Trade
929999Health not elsewhere classified	940302International Aid and Development
920207Health Policy Economic Outcomes	940303International Organisations
920208Health Policy Evaluation	940304International Political Economy (excl. International Trade)
920407Health Protection and/or Disaster Response	940399International Relations not elsewhere classified
920502Health Related to Ageing	880202International Sea Freight Transport (excl. Live Animal Transport)
920503Health Related to Specific Ethnic Groups	880203International Sea Transport of Live Animals
920408Health Status (e.g. Indicators of Well-Being)	910399International Trade not elsewhere classified
920107Hearing, Vision, Speech and Their Disorders	890403Internet Broadcasting
950399Heritage not elsewhere classified	890206Internet Hosting Services (incl. Application Hosting Services)
830502Honey	900102Investment Services (excl. Superannuation)
820204Hops	840104Iron Ore Exploration
830306Horses	J
820299Horticultural Crops not elsewhere classified	940499Justice and the Law not elsewhere classified
909901Hospitality Services	K
860801Human Biological Preventatives (e.g. Vaccines)	820205Kiwifruit
910202Human Capital Issues	L
860802Human Diagnostics	960999Land and Water Management of environments not elsewhere classified
960704Land Stewardship	849801Management of Gaseous Waste From Mineral Resource Activities (excl. Greenhouse Gases)
950202Languages and Literacy	829801Management of Gaseous Waste from Plant Production (excl. Greenhouse Gases)
950203Languages and Literature	889801Management of Gaseous Waste from Transport Activities (excl. Greenhouse Gases)
940404Law Enforcement	839802Management of Greenhouse Gas Emissions from Animal Production
940405Law Reform	909802Management of Greenhouse Gas

	Emissions from Commercial Services and Tourism
949999Law, Politics and Community Services not elsewhere classified	879802Management of Greenhouse Gas Emissions from Construction Activities
930101Learner and Learning Achievement	859802Management of Greenhouse Gas Emissions from Electricity Generation
930199Learner and Learning not elsewhere classified	859803Management of Greenhouse Gas Emissions from Energy Activities (excl. Electricity Generation)
930102Learner and Learning Processes	899801Management of Greenhouse Gas Emissions from Information and Communication Services
930103Learner Development	869802Management of Greenhouse Gas Emissions from Manufacturing Activities
860499Leather Products, Fibre Processing and Textiles not elsewhere classified	849802Management of Greenhouse Gas Emissions from Mineral Resource Activities
940406Legal Processes	829802Management of Greenhouse Gas Emissions from Plant Production
940407Legislation, Civil and Criminal Codes	889802Management of Greenhouse Gas Emissions from Transport Activities
890302Library and Archival Services	839803Management of Liquid Waste from Animal Production (excl. Water)
820504Linseed	909803Management of Liquid Waste from Commercial Services and Tourism (excl. Water)
830503Live Animals	879803Management of Liquid Waste from Construction Activities (excl. Water)
839903Livestock Product Traceability and Quality Assurance	859804Management of Liquid Waste from Energy Activities (excl. Water)
830399Livestock Raising not elsewhere classified	869803Management of Liquid Waste from Manufacturing Activities (excl. Water)
810106Logistics	849803Management of Liquid Waste from Mineral Resource Activities (excl. Water)
860603Lubricants	829803Management of Liquid Waste from Plant Production (excl. Water)
830402Lucerne	889803Management of Liquid Waste from Transport Activities (excl. Water)
820505Lupins	889804Management of Noise and Vibration from Transport Activities
M	839804Management of Solid Waste from Animal Production
820206Macadamias	909804Management of Solid Waste from Commercial Services and Tourism
861202Machined Metal Products	879804Management of Solid Waste from Construction Activities

861499Machinery and Equipment not elsewhere classified	859805Management of Solid Waste from Energy Activities
910107Macro Labour Market Issues	899802Management of Solid Waste from Information and Communication Services
910199Macroeconomics not elsewhere classified	869804Management of Solid Waste from Manufacturing Activities
820401Maize	849804Management of Solid Waste from Mineral Resource Activities
910402Management	829804Management of Solid Waste from Plant Production
930401Management and Leadership of Schools/Institutions	889805Management of Solid Waste from Transport Activities
910499Management and Productivity not elsewhere classified	839805Management of Water Consumption by Animal Production
930502Management of Education and Training Systems	909805Management of Water Consumption by Commercial Services and Tourism
839801Management of Gaseous Waste from Animal Production (excl. Greenhouse Gases)	879805Management of Water Consumption by Construction Activities
909801Management of Gaseous Waste from Commercial Services and Tourism (excl. Greenhouse Gases)	859806Management of Water Consumption by Energy Activities
879801Management of Gaseous Waste from Construction Activities (excl. Greenhouse Gases)	899803Management of Water Consumption by Information and Communication Services
859801Management of Gaseous Waste from Energy Activities (excl. Greenhouse Gases)	869805Management of Water Consumption by Manufacturing Activities
869801Management of Gaseous Waste from Manufacturing Activities (excl. Greenhouse Gases)	849805Management of Water Consumption by Mineral Resource Activities
829805Management of Water Consumption by Plant Production	830403Native and Residual Pastures
889806Management of Water Consumption by Transport Activities	820104Native Forests
869999Manufacturing not elsewhere classified	860403Natural Fibres, Yarns and Fabrics
910503Manufacturing Standards and Calibrations	961001Natural Hazards in Antarctic and Sub-Antarctic Environments
940114Maori Development and Welfare	961002Natural Hazards in Coastal and Estuarine Environments
939905Maori Education	961003Natural Hazards in Farmland, Arable Cropland and Permanent Cropland Environments
920304Maori Health - Determinants of Health	961004Natural Hazards in Forest and Woodlands Environments
920305Maori Health - Health Status and Outcomes	961005Natural Hazards in Fresh, Ground and Surface Water Environments
920306Maori Health - Health System Performance (incl. Effectiveness of Interventions)	961006Natural Hazards in Marine Environments
960104Marine Air Quality	961007Natural Hazards in Mining Environments
960808Marine Flora, Fauna and Biodiversity	961008Natural Hazards in Mountain and High

969902Marine Oceanic Processes (excl. climate related)	Country Environments 961009Natural Hazards in Sparseland, Permanent Grassland and Arid Zone Environments
910206Market-Based Mechanisms	961010Natural Hazards in Urban and Industrial Environments
910403Marketing	961099Natural Hazards not elsewhere classified
950308Matauranga Maori (Maori Knowledge)	861303Nautical Equipment (excl. Yachts)
910599Measurement Standards and Calibration Services not elsewhere classified	810108Navy
890499Media Services not elsewhere classified	920111Nervous System and Disorders
861502Medical Instruments	861701Network Infrastructure Equipment
920504Men's Health	920112Neurodegenerative Disorders Related to Ageing
920410Mental Health	890303News Collection Services
920209Mental Health Services	830404Non-Cereal Crops for Hay
861203Metal Castings	830405Non-Cereal Crops for Silage/Green Feed
870302Metals (e.g. Composites, Coatings, Bonding)	860404Non-Fabric Textiles (e.g. Felt)
910208Micro Labour Market Issues	850403Nuclear Energy
910207Microeconomic Effects of Taxation	920210Nursing
910299Microeconomics not elsewhere classified	860105Nutraceuticals and Functional foods
840199Mineral Exploration not elsewhere classified	920411Nutrition
849999Mineral Resources (excl. Energy Resources) not elsewhere classified	O
960105Mining Air Quality	820506Oats
840201Mining and Extraction of Aluminium Ores	920505Occupational Health
840202Mining and Extraction of Copper Ores	850103Oil and Gas Exploration
840203Mining and Extraction of Diamonds	850203Oil and Gas Extraction
850299Mining and Extraction of Energy Resources not elsewhere classified	850304Oil and Gas Refining
840204Mining and Extraction of Iron Ores	850104Oil Shale and Tar Sands Exploration
840205Mining and Extraction of Precious (Noble) Metal Ores	850204Oil Shale and Tar Sands Mining and Extraction
840206Mining and Extraction of Stone and Clay	860106Oils and Fats (incl. Margarines)
840207Mining and Extraction of Titanium Minerals, Zircon, and Rare Earth Metal Ores (e.g. Monazite)	820208Olives
840208Mining and Extraction of Zinc Ores	860302Organic Fertilisers
960809Mining Flora, Fauna and Biodiversity	860604Organic Industrial Chemicals (excl. Resins, Rubber and Plastics)
960908Mining Land and Water Management	950102Organised Sports
861404Mining Machinery and Equipment	820209Ornamentals, Natives, Flowers and Nursery Plants
961404Mining Soils	920113Oro-Dental Disorders
830307Minor Livestock (e.g. Alpacas, Ostriches, Crocodiles, Farmed Rabbits)	P

890103Mobile Data Networks and Services	940115Pacific Peoples Development and Welfare
890104Mobile Telephone Networks and Services	939906Pacific Peoples Education
910108Monetary Policy	920307Pacific Peoples Health - Determinants of Health
930104Moral and Social Development (incl. Affect)	920308Pacific Peoples Health - Health Status and Outcomes
960810Mountain and High Country Flora, Fauna and Biodiversity	920309Pacific Peoples Health - Health System Performance (incl. Effectiveness of Interventions)
960909Mountain and High Country Land and Water Management	860605Paints
961405Mountain and High Country Soils	920211Palliative Care
889902Multimodal Transport	860501Paper Products (incl. Coated Paper)
820207Mushrooms and Truffles	880204Passenger Water Transport
950101Music	830499Pasture, Browse and Fodder Crops not elsewhere classified
N	830504Pearls
810107National Security	930201Pedagogy
810109Personnel	850309Production of Biofuels (Biomass)
961101Physical and Chemical Conditions of Water for Urban and Industrial Use	840306Production of Unrefined Precious Metal Ingots and Concentrates
961102Physical and Chemical Conditions of Water in Coastal and Estuarine Environments	910404Productivity (excl. Public Sector)
961103Physical and Chemical Conditions of Water in Fresh, Ground and Surface Water Environments (excl. Urban and Industrial Use)	900202Professional, Scientific and Technical Services
961104Physical and Chemical Conditions of Water in Marine Environments	940502Professions and Professionalisation
961199Physical and Chemical Conditions of Water not elsewhere classified	900203Property Services (incl. Security)
830308Pigs	900299Property, Business Support Services and Trade not elsewhere classified
889903Pipeline Transport	961301Protected Conservation Areas in Antarctic and Sub-Antarctic Environments
820303Plant Extract Crops (e.g. Pyrethrum, Jojoba)	961302Protected Conservation Areas in Fresh, Ground and Surface Water Environments
860303Plant Extracts (e.g. Pyrethrum, Alkaloids, Jojoba Oil)	961303Protected Conservation Areas in Marine Environments
829902Plant Product Traceability and Quality Assurance (excl. Forest Products)	920499Public Health (excl. Specific Population Health) not elsewhere classified
829999Plant Production and Plant Primary Products not elsewhere classified	910405Public Sector Productivity
861004Plaster and Plaster Products	940204Public Services Policy Advice and Analysis
860607Plastic Products (incl. Construction Materials)	890404Publishing and Print Services (incl. Internet Publishing)

860606Plastics in Primary Forms	860503Pulp and Paper
940203Political Systems	R
870303Polymeric Materials (e.g. Paints)	890405Radio and Television Broadcasting
820210Pome Fruit, Pip Fruit	861304Rail Equipment
880205Port Infrastructure and Management	880101Rail Freight
889904Postal and Package Services (incl. Courier Services)	880102Rail Infrastructure and Networks
830309Poultry	880103Rail Passenger Movements
960415Pre-Border Biosecurity	880104Rail Safety
840105Precious (Noble) Metal Ore Exploration	830505Raw Wool
910209Preference, Behaviour and Welfare	860504Reconstituted Timber Products (e.g. Chipboard, Particleboard)
850399Preparation and Production of Energy Sources not elsewhere classified	950103Recreation
850305Preparation of Black Coal	909902Recreational Services
850306Preparation of Brown Coal (Lignite)	870103Regional Planning
850307Preparation of Oil Shale and Tar Sands	940408Rehabilitation and Correctional Services
850308Preparation of Uranium	961201Rehabilitation of Degraded Coastal and Estuarine Environments
860304Prepared Animal Feed	961299Rehabilitation of Degraded Environments not elsewhere classified
920412Preventive Medicine	961202Rehabilitation of Degraded Farmland, Arable Cropland and Permanent Cropland Environments
830599Primary Animal Products not elsewhere classified	961203Rehabilitation of Degraded Forest and Woodlands Environments
840299Primary Mining and Extraction of Mineral Resources not elsewhere classified	961204Rehabilitation of Degraded Fresh, Ground and Surface Water Environments
860502Printing and Publishing Processes	961205Rehabilitation of Degraded Mining Environments
860107Processed Fish and Seafood Products	961206Rehabilitation of Degraded Mountain and High Country Environments
860199Processed Food Products and Beverages (excl. Dairy Products) not elsewhere classified	961207Rehabilitation of Degraded Sparseland, Permanent Grassland and Arid Zone Environments
860108Processed Fruit and Vegetable Products (incl. Fruit Juices)	961208Rehabilitation of Degraded Urban and Industrial Environments
860109Processed Meat Products	950499Religion and Ethics not elsewhere classified
860204Processed Milk and Cream (incl. Powder, Evaporated and Condensed)	950404Religion and Society
860399Processed Non-Food Agricultural Products (excl. Wood, Paper and Fibre) not elsewhere classified	950405Religious Structures and Ritual
860405Processed Skins, Leather and Leather Products	950406Religious Traditions (excl. Structures and Rituals)
861605Processor Modules	961308Remnant Vegetation and Protected

	Conservation Areas at Regional or Larger Scales
910210Production	961304Remnant Vegetation and Protected Conservation Areas in Coastal and Estuarine Environments
961305Remnant Vegetation and Protected Conservation Areas in Farmland, Arable Cropland and Permanent Cropland Environments	820405Soybeans
961306Remnant Vegetation and Protected Conservation Areas in Forest and Woodlands Environments	880305Space Transport
961307Remnant Vegetation and Protected Conservation Areas in Mountain and High Country Environments	960811Sparseland, Permanent Grassland and Arid Zone Flora, Fauna and Biodiversity
961309Remnant Vegetation and Protected Conservation Areas in Sparseland, Permanent Grassland and Arid Zone Environments	960910Sparseland, Permanent Grassland and Arid Zone Land and Water Management
961310Remnant Vegetation and Protected Conservation Areas in Urban and Industrial Environments	961406Sparseland, Permanent Grassland and Arid Zone Soils
961399Remnant Vegetation and Protected Conservation Areas not elsewhere classified	939907Special Needs Education
850599Renewable Energy not elsewhere classified	920599Specific Population Health (excl. Indigenous Health) not elsewhere classified
920114Reproductive System and Disorders	840106Stone and Clay Exploration
870503Residential Building Management and Services	820211Stone Fruit
870204Residential Construction Design	870304Stone, Ceramics and Clay Materials
870104Residential Construction Planning	861005Structural Glass and Glass Products
870404Residential Construction Processes	861206Structural Metal Products
850704Residential Energy Conservation and Efficiency	940117Structure, Delivery and Financing of Community Services
930503Resourcing of Education and Training Systems	920414Substance Abuse
920115Respiratory System and Diseases (incl. Asthma)	820304Sugar
820402Rice	860111Sugar and Confectionery Products
960606Rights to Environmental and Natural Resources (excl. Water Allocation)	820603Sugar Cane (Cut for Crushing)
880105Road Freight	820499Summer Grains and Oilseeds not elsewhere classified
880106Road Infrastructure and Networks	900103Superannuation and Insurance Services
880107Road Passenger Movements (excl. Public Transport)	910211Supply and Demand
880108Road Public Transport	920118Surgical Methods and Procedures
880109Road Safety	960609Sustainability Indicators
860608Rubber and Synthetic Resins	930302Syllabus and Curriculum Development
920506Rural Health	860406Synthetic Fibres, Yarns and Fabrics
960607Rural Land Evaluation	T
960705Rural Land Policy	820212Table Grapes
960608Rural Water Evaluation (incl. Water Quality)	950309Taonga (Maori Artefacts)

960706Rural Water Policy  
S  
820403Safflower Seed

890105Satellite Communication Networks and Services  
861606Satellite Navigation Equipment

910109Savings and Investments  
930402School/Institution Community and Environment  
930499School/Institution not elsewhere classified

930403School/Institution Policies and Development  
861503Scientific Instruments

861204Semi-Finished Metal Products  
910504Service Industries Standards and Calibrations

830310Sheep - Meat  
830311Sheep - Wool  
861205Sheet Metal Products

920116Skeletal System and Disorders (incl. Arthritis)  
920117Skin and Related Disorders  
860609Soaps and Cosmetics  
940116Social Class and Inequalities  
950407Social Ethics  
960311Social Impacts of Climate Change and Variability  
920413Social Structure and Health  
900302Socio-Cultural Issues in Tourism

820105Softwood Plantations

961499Soils not elsewhere classified

850504Solar-Photovoltaic Energy  
850505Solar-Thermal Electric Energy  
850506Solar-Thermal Energy  
850404Solid Oxide Fuel Cells

820404Sorghum  
830406Sown Pastures (excl. Lucerne)

860110Soy Products  
U  
950501Understanding Africa's Past  
950502Understanding Asia's Past

910110Taxation  
930202Teacher and Instructor Development  
930299Teaching and Instruction not elsewhere classified  
930203Teaching and Instruction Technologies  
910406Technological and Organisational Innovation  
950408Technological Ethics  
861702Telemetry Equipment  
950104The Creative Arts (incl. Graphics and Craft)  
950204The Media  
950105The Performing Arts (incl. Theatre and Dance)  
850507Tidal Energy  
950310Tikanga Maori (Maori Customary Practices)  
870305Timber Materials  
940503Time Use, Unpaid Work and Volunteering  
840107Titanium Minerals, Zircon, and Rare Earth Metal Ore (e.g. Monazite) Exploration  
820305Tobacco  
820604Tobacco Leaf  
900303Tourism Infrastructure Development  
900399Tourism not elsewhere classified  
960707Trade and Environment  
910302Trade Assistance and Protection  
910303Trade Policy  
850405Transformation of Black Coal into Electricity  
850406Transformation of Brown Coal (Lignite) into Electricity  
850407Transformation of Coal into Gaseous Fuels  
850408Transformation of Coal into Liquid Fuels  
850409Transformation of Gas into Electricity  
850410Transformation of Gas into Liquid Fuels  
861399Transport Equipment not elsewhere classified  
889999Transport not elsewhere classified  
820213Tree Nuts (excl. Almonds and Macadamias)  
820214Tropical Fruit  
900401Waste Management Services  
900402Waste Recycling Services  
960913Water Allocation and Quantification

950503Understanding Australia's Past	900499Water and Waste Services not elsewhere classified
950504Understanding Europe's Past	900403Water Recycling Services (incl. Sewage and Greywater)
950505Understanding New Zealand's Past	880206Water Safety
950599Understanding Past Societies not elsewhere classified	900404Water Services and Utilities
950506Understanding the Past of the Americas	880299Water Transport not elsewhere classified
820605Unprocessed Grains	850508Wave Energy
820606Unprocessed Industrial Crops (excl. Sugar, Tobacco and Cotton)	960203Weather
820607Unprocessed Oilseeds	820507Wheat
830506Unprocessed or Minimally Processed Fish	860205Whey
830507Unprocessed or Minimally Processed Milk	900204Wholesale and Retail Trade
850105Uranium Exploration	830202Wild Caught Crustaceans (excl. Rock Lobster and Prawns)
850205Uranium Mining and Extraction	830203Wild Caught Edible Molluscs
960106Urban and Industrial Air Quality	830204Wild Caught Fin Fish (excl. Tuna)
960812Urban and Industrial Flora, Fauna and Biodiversity	830205Wild Caught Prawns
960911Urban and Industrial Land Management	830206Wild Caught Rock Lobster
961407Urban and Industrial Soils	830207Wild Caught Tuna
960912Urban and Industrial Water Management	850509Wind Energy
960610Urban Land Evaluation	820306Wine Grapes
960708Urban Land Policy	820599Winter Grains and Oilseeds not elsewhere classified
870105Urban Planning	920507Women's Health
960611Urban Water Evaluation (incl. Water Quality)	860505Wood Sawing and Veneer
960709Urban Water Policy	860599Wood, Wood Products and Paper not elsewhere classified
920119Urogenital System and Disorders	860407Wool Scouring and Top Making
V	940504Work and Family Responsibilities
820215Vegetables	940599Work and Institutional Development not elsewhere classified
860901Veterinary Biological Preventatives (e.g. Vaccines)	939908Workforce Transition and Employment
860902Veterinary Diagnostics	950409Workplace and Organisational Ethics
860999Veterinary Pharmaceutical Products not elsewhere classified	940505Workplace Safety
860903Veterinary Pharmaceutical Treatments (e.g. Antibiotics)	Y
890106Videoconference Services	861305Yachts
950205Visual Communication	Z
861703Voice and Data Equipment	840108Zinc Ore Exploration
W	920120Zoonoses
950311Wahi Taonga (Maori Places of Significance)	

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